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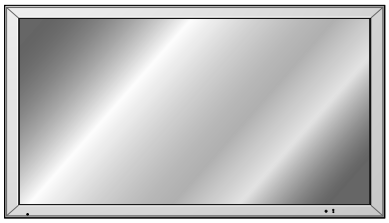
# PLASMA MONITOR/TUNER
# SERVICE MANUAL

**CHASSIS : RF-03FA**

## MODEL : MT-42PZ44/S/45M/V/VB/47M/V
## MZ-42PZ44/S/45V/VS
## RT-42PZ45V
## RT/RZ-BA50

**CAUTION**
BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



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# SAFETY PRECAUTIONS

## IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by ⚠ in the Schematic Diagram and Replacement Parts List.
It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.
Do not modify the original design without permission of manufacturer.

### General Guidance

An **isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and it's components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

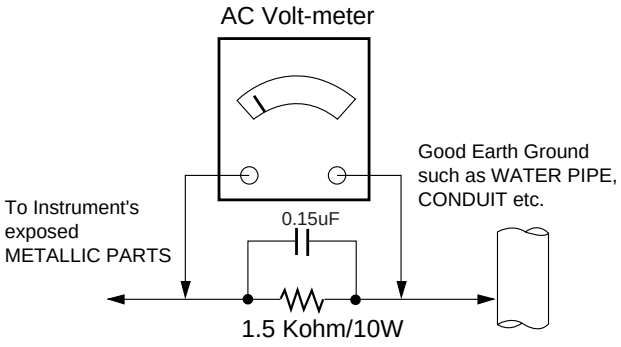
Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**. Do not lift the Picture tube by it's Neck.

**Leakage Current Cold Check(Antenna Cold Check)**
With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.
If the exposed metallic part has a return path to the chassis, the measured resistance should be between 1MΩ and 5.2MΩ.
When the exposed metal has no return path to the chassis the reading must be infinite.
An other abnormality exists that must be corrected before the receiver is returned to the customer.

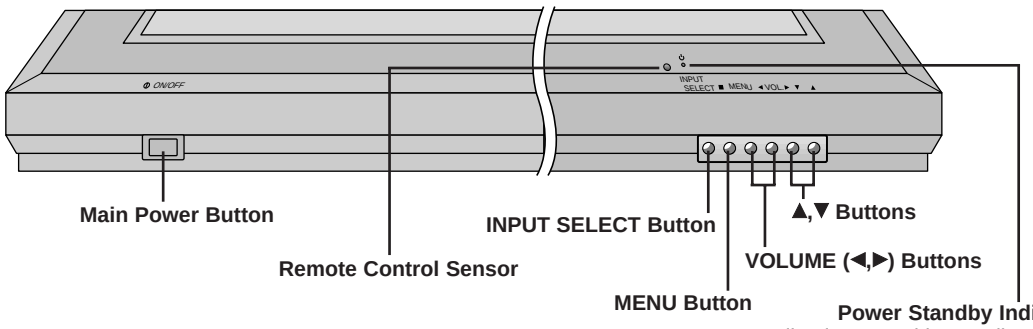
**Leakage Current Hot Check** (See below Figure)
Plug the AC cord directly into the AC outlet.
**Do not use a line Isolation Transformer during this check.**
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.
Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.
Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which is corresponds to 0.5mA.
In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

**Leakage Current Hot Check circuit**

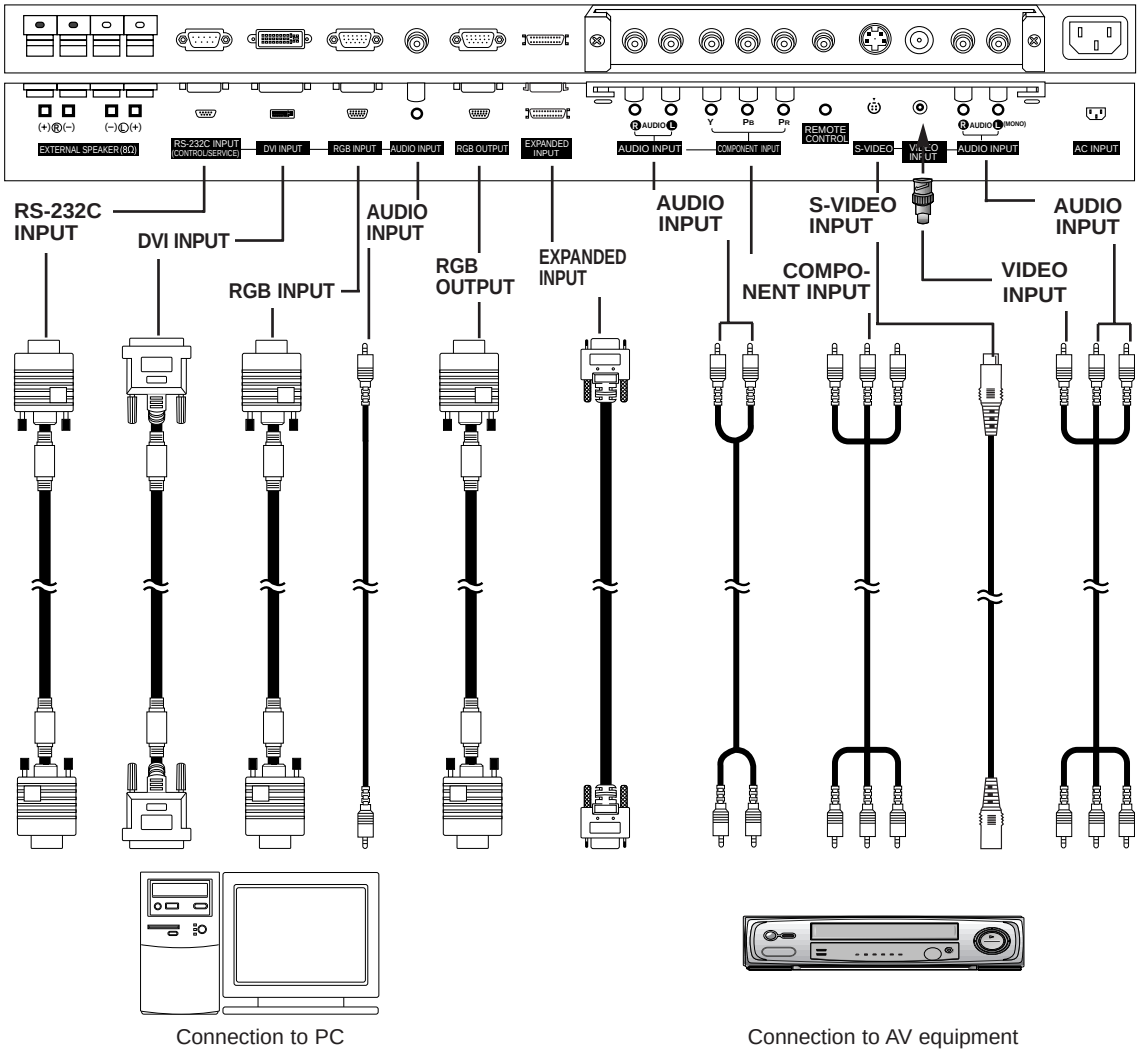


# DESCRIPTION OF CONTROLS

**<Front Panel Controls>**




**<Back Panel>**

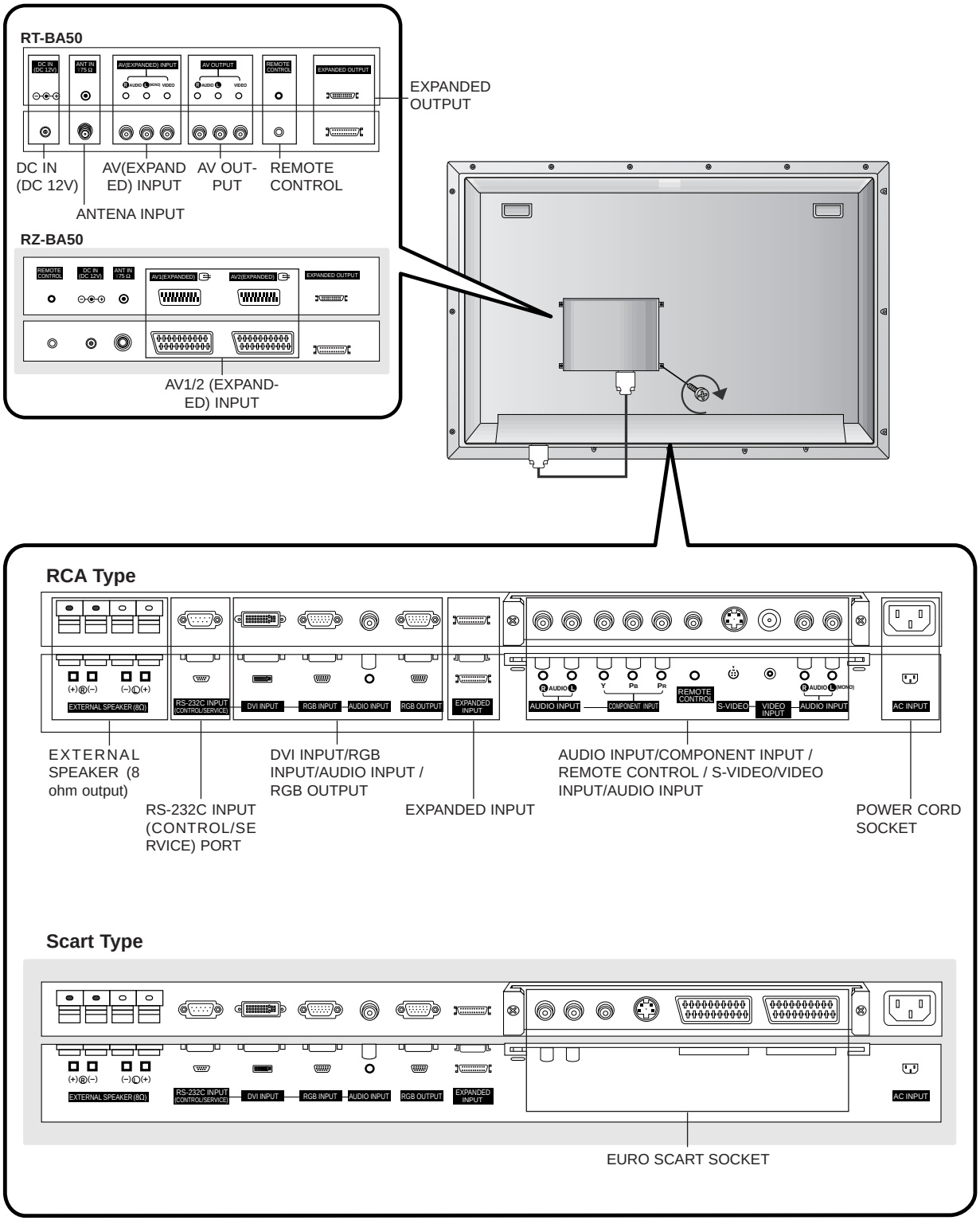



Connection to PC

Connection to AV equipment

***Note**: The connection cables shown above to the right are not included with the Monitor.*
*A D-sub 15-pin cable and a DVI cable are provided to connect the Monitor to a PC.*

**<Back Panel>**


RT-BA50
DC IN (DC 12V)
ANT IN 75 Ω
AV(EXPANDED) INPUT
AV OUTPUT
REMOTE CONTROL
EXPANDED OUTPUT
EXPANDED OUTPUT
DC IN (DC 12V)
AV(EXPANDED) INPUT
AV OUTPUT
REMOTE CONTROL
ANTENA INPUT
RZ-BA50
REMOTE CONTROL
DC IN (DC 12V)
ANT IN 75 Ω
AV1(EXPANDED)
AV2(EXPANDED)
EXPANDED OUTPUT
AV1/2 (EXPANDED) INPUT
RCA Type
EXTERNAL SPEAKER (8Ω)
RS-232C INPUT (CONTROL/SERVICE)
DVI INPUT
RGB INPUT
AUDIO INPUT
RGB OUTPUT
EXPANDED INPUT
AUDIO INPUT
COMPONENT INPUT
REMOTE CONTROL
S-VIDEO
VIDEO INPUT
AUDIO INPUT
AC INPUT
EXTERNAL SPEAKER (8 ohm output)
RS-232C INPUT (CONTROL/SERVICE) PORT
DVI INPUT/RGB INPUT/AUDIO INPUT / RGB OUTPUT
EXPANDED INPUT
AUDIO INPUT/COMPONENT INPUT / REMOTE CONTROL / S-VIDEO/VIDEO INPUT/AUDIO INPUT
POWER CORD SOCKET
Scart Type
EXTERNAL SPEAKER (8Ω)
RS-232C INPUT (CONTROL/SERVICE)
DVI INPUT
RGB INPUT
AUDIO INPUT
RGB OUTPUT
EXPANDED INPUT
AC INPUT
EURO SCART SOCKET

- This function works only when the PDP Tuner is installed on the LG plasma display monitor.

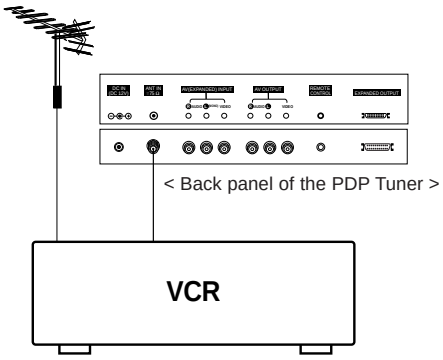
### Installing PDP Tuner on the Monitor

1. Turn the monitor off and disconnect the mains plug.
2. Carefully place the Monitor screen side down on a cushioned surface that will protect the monitor screen from damage.
3. Mount the PDP Tuner gently into the correct position. Make sure it is inserted correctly.
4. Tighten the screws.
5. Connent the EXPANDED OUTPUT socket the on the PDP Tuner to the EXPANDED INPUT socket on the Monitor.
6. Turn the monitor on.

### Antenna Connection

- Connect the Plasma Display with various external equipments after connecting the Monitor with the PDP Tuner and the Speakers.

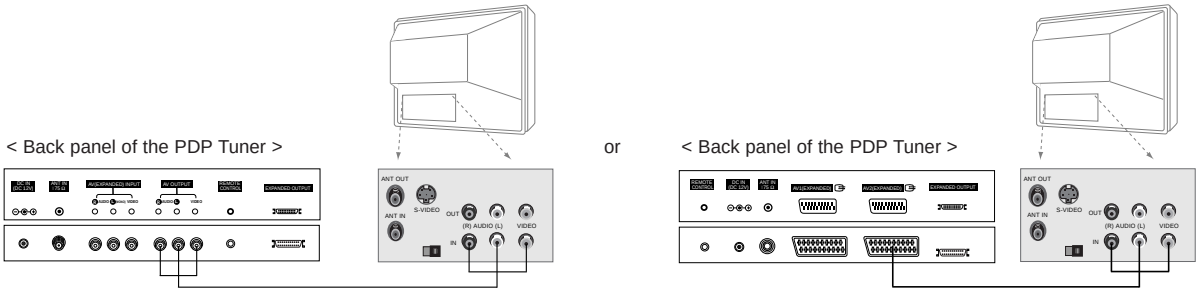
1. Connect the RF out socket of the VCR to the aerial socket on the back of the monitor.
2. Connect the aerial cable to the RF aerial in socket of the VCR.
3. Store the VCR channel on the programme number 0 using the 'Manual programme tuning' section.
4. Select the programme number where the VCR channel is stored.
5. Press the **PLAY** button on the VCR.




### Monitor Out Setup

The PDP Tuner has a special signal output capability which allows you to hook up a second TV or monitor.

Just connect the second TV or monitor to the AV OUTPUT socket on the PDP Tuner. See the Operating Manual of the second TV or monitor for further details regarding that device's input settings.




| RZ-BA50 | | | | RT-BA50 | | | |
|---|---|---|---|---|---|---|---|
| | Input Mode | | Monitor OUT (AV2(EXP.)) | | Input Mode | | Monitor OUT (AV(EXP.)) |
| Normal | TV, AV, AV1(EXP.) or S-Video | | Main Picture | Normal | TV, AV(EXP.), AV or S-Video | | Main Picture |
| PIP/DW | Main Picture | RGB, DVI or Component | Sub Picture | PIP/DW | Main Picture | RGB, DVI or Component | Sub Picture |
| | Sub Picture | TV or AV1(EXP.) | | | Sub Picture | TV, AV(EXP.) | |
| | Main Picture | TV, AV, AV1(EXP.) or S-Video | Main Picture | | Main Picture | TV, AV(EXP.), AV or S-Video | Main Picture |

## Watching VCR

- When connecting the Monitor to external equipment, match the colours of connecting ports (Video - yellow, Audio (L) - white, Audio (R) -red).
- Connect the VIDEO INPUT socket (yellow) with the BNC-RCA adaptor to the VIDEO INPUT on the Monitor.
- If you have a mono VCR, connect the audio cable from the VCR to the AUDIO (L/MONO) input on the Monitor.
- If you connect an S-VIDEO VCR to the S-VIDEO input, the picture quality is improved; compared to connecting a regular VCR to the Video input.
  Or, connect the Euro scart socket of the VCR to the Euro scart socket of the monitor.
- Use the orbiter function to Avoid having a fixed image remain on the screen for a long period of time. Typically a frozen still picture from a VCR.
  If a 4:3 picture format is used; the fixed image may remain visible on the screen.
- To avoid picture noise (interference), leave an adequate distance between the VCR and Monitor.

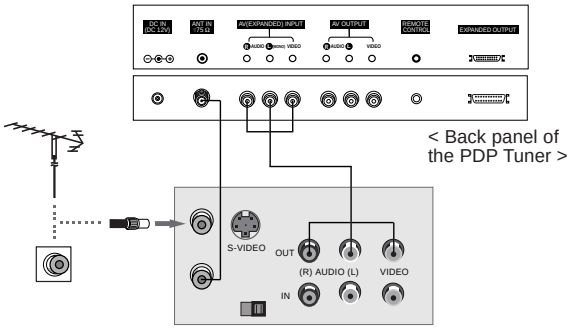
**Watching TV programmes**

- Turn the Plasma Display on and select the programme you want.

**Watching VCR**

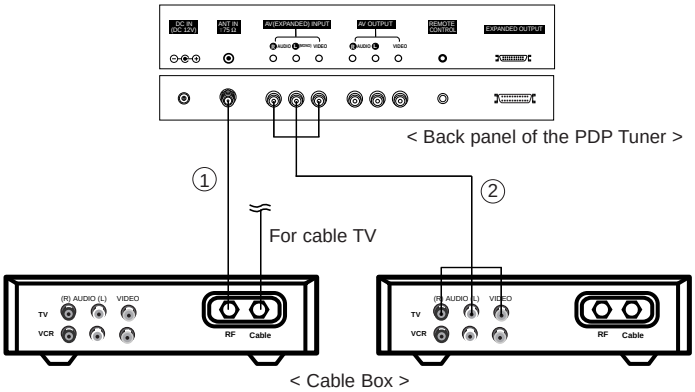
**1.** Use the **INPUT SELECT** button on the remote control to select ***AV*** (***AV1*** or ***AV2***) or ***AV(EXP.)*** (***AV1(EXP.)*** or ***AV2(EXP.)***).
- If both S-VIDEO and VIDEO sockets have been connected to the S-VHS VCR simultaneously, only the S-VIDEO can be received.
- If connected to S-VIDEO, select the ***S-Video*** external input source.

**2.** Insert a video tape into the VCR and press the **PLAY** button on the VCR. (See VCR owner's manual)




## Watching Cable TV

- After subscribing for a local cable TV station and installing a converter you can watch cable TV.
- For further information of cable TV, contact the local cable TV station.




**In using connection 1**

**1.** Select programme number in programme switch of cable box.
**2.** Match the Plasma Display programme with selected programme of cable box.
**3.** Select your desired programme with the remote control for cable box.

**In using connection 2**

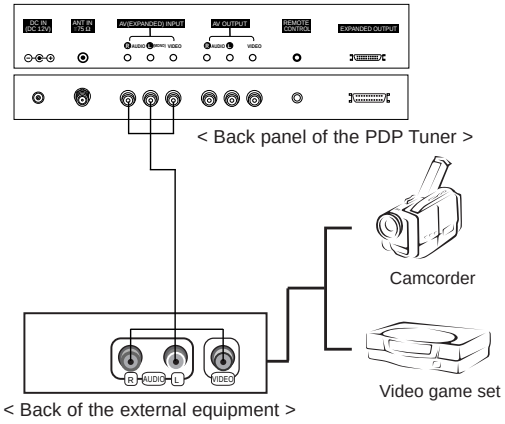
**1.** Use the **INPUT SELECT** button on the remote control and select ***AV*** (***AV1*** or ***AV2***) or ***AV(EXP.)*** (***AV1(EXP.)*** or ***AV2(EXP.)***).
**2.** Tune to cable service provided channels using the cable box.

## Watching external AV source

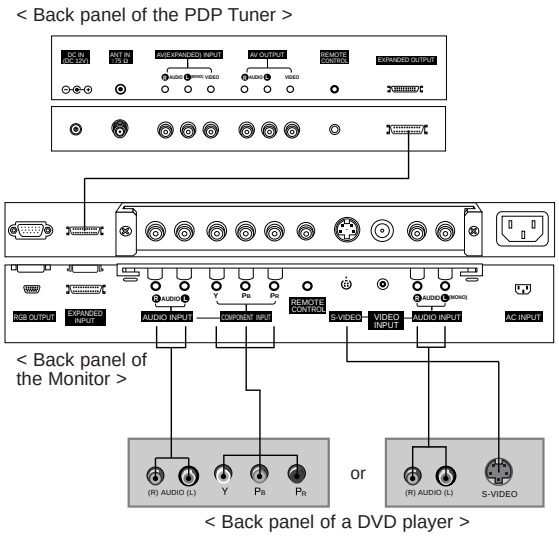
- When connecting the monitor to an external source, match the colours of AUDIO/VIDEO input jacks on the monitor with the output jacks on the audio/video equipment: Video = yellow, Audio (Left) = white, Audio (Right) = red.
  Or, connect the Euro scart socket of the VCR to the Euro scart socket of the monitor.

**How to use**

**1.** Use the **INPUT SELECT** button on the remote control to select ***AV*** (***AV1*** or ***AV2***) or ***AV(EXP.)*** (***AV1(EXP.)*** or ***AV2(EXP.)***).
**2.** Operate the corresponding external equipment. See external equipment operating guide.




## Watching DVD




**How to connect**

Connect DVD video inputs to Y, $P_B$, $P_R$ of COMPONENT INPUT and audio inputs to Audio sockets of AUDIO INPUT.
Or, connect the Euro scart socket of the VCR to the Euro scart socket of the set.

**How to use**

**1.** Turn on the DVD player, and insert a DVD.
**2.** Use **INPUT SELECT** button on the remote control to select ***Component*** or (***AV1*** or ***AV2***) or (***AV1(EXP.)*** or ***AV2(EXP.)***). Refer to the DVD player's manual for operating instructions.

- **Component Input ports**
  You can get better picture quality if you connect DVD player with component input ports as below.

| Component ports of the Monitor | Y | $P_B$ | $P_R$ |
|---|---|---|---|
| Video output ports of DVD player | Y | Pb | Pr |
| | Y | B-Y | R-Y |
| | Y | Cb | Cr |
| | Y | $P_B$ | $P_R$ |

## Watching DTV (option)

- To watch digitally broadcast programs, purchase and connect a digital set-top box.

### How to connect

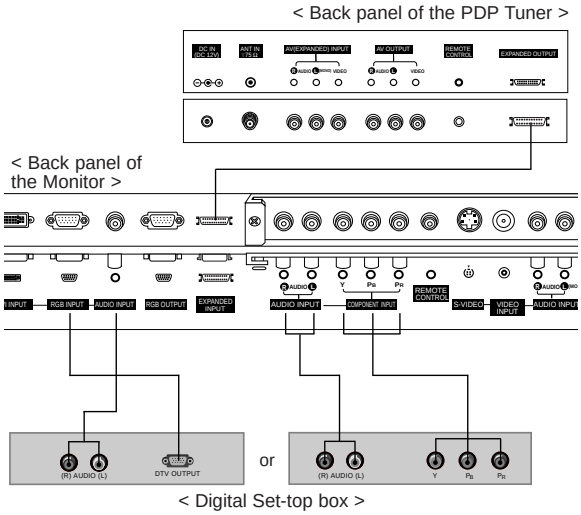
1. Use the monitor's COMPONENT (Y, $P_B$, $P_R$) INPUT, RGB or DVI jack for video connections, depending on your set-top box connector. Then, make the corresponding audio connections.

### How to use

1. Turn on the digital set-top box. (Refer to the owner's manual for the digital set-top box.)
2. Use **INPUT SELECT** on the remote control to select ***Component***, ***RGB*** or ***DVI***.

- **DTV Input signal**

| Mode \ Terminal | Component | RGB (DTV) |
|---|---|---|
| 576p(50Hz) | o | o |
| 1080i(50Hz) | o | o |
| 1152i(50Hz) | o | o |

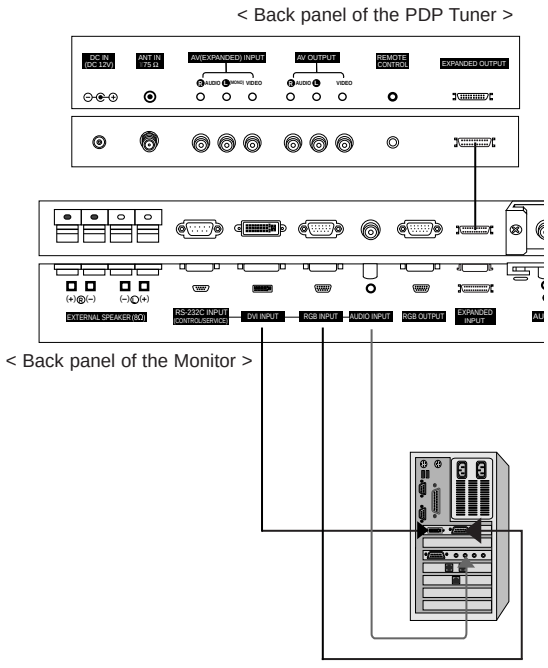


## Connecting PC

- To enjoy vivid picture and sound, connect a PC to the Monitor.
- Avoid keeping a fixed image on the monitor's screen for a long period of time. The fixed image may become permanently imprinted on the screen; use a screen saver when possible.
- Connect PC to the RGB INPUT or DVI INPUT port of the Monitor; change the resolution output of PC accordingly.
- There might be a noise according to some resolution, vertical pattern, contrast or brightness in PC mode. Then change the PC mode into other resolution or change the refresh rate into other rate or adjust the brightness and contrast on the menu until the picture is clean. If the refresh rate of the PC graphic card can not be changed, change the PC graphic card or consult it to the manufacturer of the PC graphic card.
- The synchronization input form for Horizontal and Vertical frequencies is separate.

**Setup Instructions to Connect a PC to your Monitor**

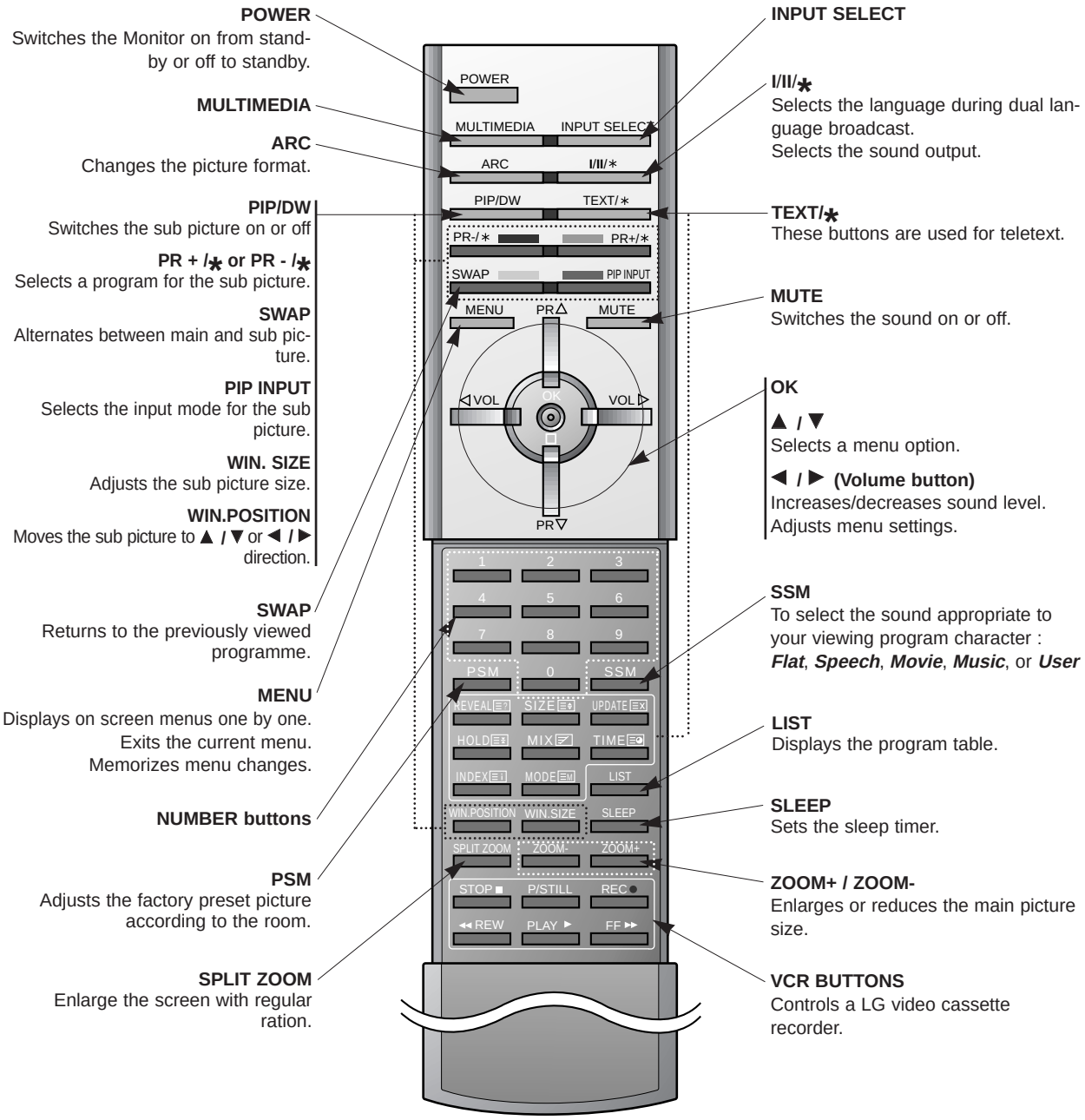
- We recommend using 640x480, 60Hz for the PC mode, they provide the best picture quality.
- If the resolution of PC is over UXGA, there will be no picture on the Monitor.
- Connect the signal cable from the monitor output port of the PC to the RGB INPUT port of the Monitor or the signal cable from the DVI output port of the PC to the DVI INPUT port on the Monitor.
- Connect the audio cable from the PC to the Audio input on the Monitor. (Audio cables are not included with the Monitor).
- If using a sound card, adjust PC sound as required.
- This monitor apply a VESA Plug and Play Solution. The monitor provides EDID data to the PC system with a DDC protocol. The PC adjusts automatically to use this monitor.
- DDC protocol is preset for RGB (Analog RGB), DVI (DVI, Digital RGB) mode.
- If required, adjust the monitor settings for Plug and Play functionally.
- If graphic card on the PC does not output analog and digital RGB simultaneously, connect only one of both RGB INPUT or DVI INPUT to display the PC on the monitor.
  If graphic card on the PC does output analog and digital RGB simultaneously, set the monitor to either RGB or DVI; (the other mode is set to Plug and Play automatically by the monitor.)
- DOS mode may not work depending on video card if using a DVI-I cable.
- To see a normal picture, match the VGA mode and DVI signal (640x480, 848x480, 852x480). (See page 28)



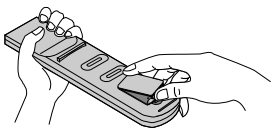

**PC Setup**

1. Turn on the PC and apply power to the Monitor.
2. Turn on the display by pressing the **POWER** button on the Monitor's remote control.
3. Use the **INPUT SELECT** button on the remote control to select the RGB or DVI input source.
4. Set the resolution output of the PC to SXGA or under (1280 x 1024, 60Hz).

- When using the remote control aim it at the remote control sensor of the Monitor.
- There's maybe a defect in consecutive operation of remote control in specified brightness according to this monitor feature.
- This remote control handset is the one offered when purchasing a LG plasma display monitor.



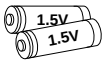

**Installing Batteries**



- Open the battery compartment cover on the back side and insert the batteries with correct polarity.
- Install two 1.5V alkaline batteries of AAA type. Don't mix used batteries with new batteries.

## Accessories

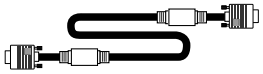
Owner's Manual




Alkaline batteries

BNC-RCA adaptor (optional)

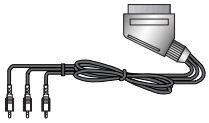
Remote Control handset



D-sub 15 pin cable

Power Cord

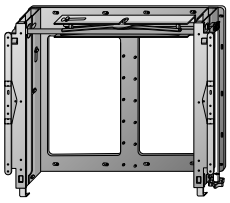
DVI-D Cable



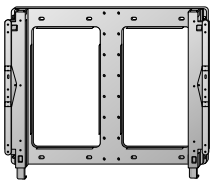
Phone scart cable (Optional)

## Optional Extras

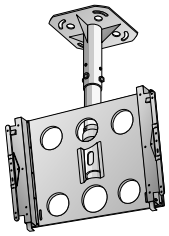
- Optional extras can be changed or modified for quality improvement without any notification new optional extras can be added.
- Contract your dealer for buying these items.



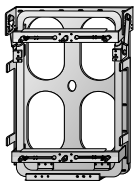
Tilt wall mounting bracket



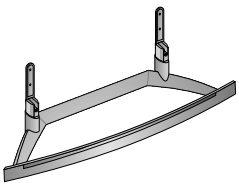
Wall mounting bracket



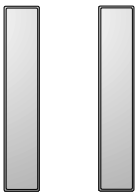
Ceiling mounting bracket



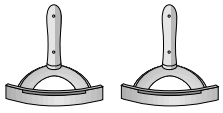
Vertical Wall mounting bracket



Desktop stand

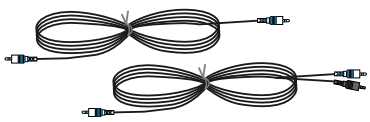


Speakers



Desktop Speaker stand

Video cables



Audio cables

# SPECIFICATIONS

**NOTE :** Specifications and others are subject to change without notice for improvement.

## ■ Scope

This specification can be applied to all model of 42"PDP MONITOR related to RF-03FA Chassis.

| Chassis | Model Name | Market Place | Brand |
|---|---|---|---|
| RF-03FA (Monitor) | MZ-42PZ44 | EU | LG |
| | MZ-42PZ45V | | |
| | MT-42PZ44/46 | N-EU | LG |
| | MT-42PZ45V/47V | | |
| RF-03FA (PDP Tuner) | RZ-BA50 | EU | LG |
| | RT-BA50 | N-EU | LG |
| AV BOARD | AP-42EA42 | EU, Scart Type AV BOARD | LG |
| | AP-42EA43 | N-EU, RCA Type AV BOARD | LG |

## ■ Test Condition

1) Temperature : 25¡ 5°C
2) Relative Humidity: 65¡ 10%
3) Power Voltage:Standard Input Voltage
   (AC 110V-240V~, 50/60Hz)
   But Standard input voltage mark value is marked by model.
4) Follow each drawing or spec for spec and performance of parts,based upon P/N of RPL
5) Warm up set for more than 20min before the measurement.

## ■ Test and Inspection Method

1) Performance:Follow the Standard of LG TV test
2) Extra standards
   Safety: Follow the standard of CE, IEC
   EMC : Follow the standard of CE, IEC

| Model Name | Market | Remark |
|---|---|---|
| MZ-42PZ44<br>MZ-42PZ45V | EU | Safety: IEC60065,IEC60095<br>EMI : EN55013<br>-Conducted / Radiation |
| RZ-BA50 | | EMI : EN55013 (Antenna Terminal Voltage)<br>EMS : EN55024 |
| MT-42PZ44<br>MT-42PZ45V<br>MT-42PZ46 | N-EU | Safety : IEC60065,IEC60095<br>EMI : EN55013<br>-Conducted / Radiation |
| RT-BA50 | | EMI : EN55013 (Antenna Terminal Voltage) |

## ■ General Specification

| No | Item | Specification | | Remark |
|---|---|---|---|---|
| 1 | Display Screen Device | 42inch wide Colour Desplay Module | | PDP |
| 2 | Aspect Ratio | 16 : 9 | | |
| 3 | PDP Module | PDP42V5####, Fish Bone | | LGE |
| 4 | Screen Filter | 45% Total light ransmittance | | Maker : NBK (E-Mesh) |
| 5 | Operating Environment | 1) Temp. : 0 ~ 40 °C | | LGE Mark SPEC |
| | | 2)Humidity : below 85% | | |
| 6 | Storage Environment | 1) Temp. : -20 ~ 60 °C | | |
| | | 2)Humidity : below 85% | | |
| 7 | Input Voltage | 110 ~240V~, 50/60Hz | MURADA | MZ-42PZ44/45 |
| | | | SONY | |
| | | | SANKEN | |

## ■ Model Specification

### (1) MZ-42PZ4x (MZ-42PZ44/45)

| No | Item | Specification | Remark |
|---|---|---|---|
| 8 | Market | EU | |
| 9 | RGB Input | VGA, SVGA, XGA, SXGA 60Hz | |
| 10 | DVI Input | Digital RGB Input | |
| 11 | Video Input System | PAL, SECAM, NTSC | |
| 12 | S-Video Input | PAL, SECAM, NTSC | |
| 13 | Component Input | 480i, 480p, 576i, 576p | |
| 14 | Audio Input | L/R 2 group | |
| 15 | Wired Control | Discrete IR | |

### (2) RZ-BA50

| No | Item | Specification | Remark |
|---|---|---|---|
| 16 | Market | EU | |
| 17 | Input Voltage | DC 12V ⎓ | |
| 18 | Broadcasting system | PAL B/ G/ I/ D/ K, SECAM L/ L” | |
| 19 | Receiving system | Upper Heterodyne | |
| 20 | Scart Jack | PAL, SECAM | |

**(3) MT-42PZ4x (MT-42PZ44/45V/46)**

| No | Item | Specification | Remark |
|---|---|---|---|
| 21 | Market | N-EU | |
| 22 | RGB Input | VGA, SVGA, XGA, SXGA 60Hz | |
| 23 | DVI Input | Digital RGB Input | |
| 24 | Video Input System | PAL, SECAM, NTSC | |
| 25 | S-Video Input | PAL, SECAM, NTSC | |
| 26 | Component Input | 480i, 480p, 576i, 576p, 1080i, 1152i | |
| 27 | Audio Input | L/R 2 group | |
| 28 | Wired Control | Discrete IR | |

**(2) RT-BA50**

| No | Item | Specification | Remark |
|---|---|---|---|
| 29 | Market | N-EU | |
| 30 | Input Voltage | 12V⎓ | |
| 31 | Broadcasting system | PAL B/ G/ I/ D/ K, NTSC | |
| 32 | Receiving system | Upper Heterodyne | |
| 33 | Video In/ Out System | PAL, SECAM, NTSC | |

## ■ Feature and Function

| No | Item | | Specification | | Remark |
|---|---|---|---|---|---|
| 1 | Remote controller code | | NEC Code | | |
| 2 | Remote control | | 1) Wireless Remote Control | | |
| | | | 2) Wired Remote Control<br>-RCA AV B'D<br>-Tuner Box | | |
| 3 | Local Key | | Menu, Input select ■, VOL◀, VOL▶<br>Up▲/ Down▼, Power (Main Power) | | |
| 4 | Set up method | | Wall Mount/ Desk top | | |
| | | | Pivot (Optional) | | Pivot model |
| 5 | Feature (MNT) | RGB input<br>- D - Sub 15 pin | 1 | RGB PC Input<br>- VGA ~ 85Hz<br>- SVGA ~ 85Hz<br>- XGA ~ 75Hz<br>- SXGA ~ 60Hz | |
| | | | | RGB - DTV Input<br>-480p/ 60Hz<br>-576p/ 50Hz<br>-1080i/ 50Hz<br>-1152i/ 50Hz | MT-42PZ4x |
| | | | 1 | DVI - D (Digital RGB) | |

| No | Item | | Specification | | Remark |
|---|---|---|---|---|---|
| 5 | Feature (MNT) | RGB out - D - Sub 15pin | 1 | RGBHV | |
| | | Audio input - Phone Jack | 1 | L/ R For RGB Input | |
| | | RS-232C - D - Sub pin | 1 | 115200bps | |
| | | External Speak output | 1 | L/ R | SPK Output |
| | | Expanded Control | 1 | Tuner Box Control | 36Pin |
| 6 | RCA Type AVB'D | Component input (Y/ $P_B$/ $P_R$, Y/Cb/Cr) | 1 | 480i/ 480p/ 576i/ 576p | MZ-42PZ4x |
| | | | | 480i/ 480p/ 576i/ | MT-42PZ4x |
| | | | | 480i/ 480p/ 576i/ 576p/ 1080i/ 1152i | Australia |
| | | Video Input(CVBS) | 1 | PAL, SECAM, NTSC | |
| | | Audio Input | 2 | L/ R For Video/ S- Video<br>L/ R For Component | |
| | | IR Jack | 1 | Discrete IR | |
| 7 | Scart Type Tuner model | ANT In (RF) - Tuner | 1 | PAL- BG/ DK/ I, SECAM-L/L' | RZ-BA50<br>- Follow Scart In/ Out Spec |
| | | AV In/ Out -Scart Jack | 2 | Scart 1 (TV Out)<br>Scart 2 (MNT Out) | - Auto AV (Scart 2 priority) |
| | | IR Jack | 1 | Wired Remote Control | |
| | | DC Jack | 1 | DC 12V In | |
| | | Expanded Control | 1 | 36Pin | |
| 8 | RCA Type Tuner model | ANT In (RF) | 1 | PAL-BG/ DK/ I, NTSC | RT-BA50 |
| | | AV In/ Out (CVBS) -RCA Jack | 2 | PAL, SECAM, NTSC Input | |
| | | | | AV Output | |
| | | IR Jack | 1 | Wired Remote Control | |
| | | DC Jack | 1 | DC 12V In | |
| | | Expanded Control | 1 | 36Pin | |
| 9 | Scart Type AV B'D | Scar Jack | 2 | Vin, FB, RGB in, L/R in<br>1) TV out non-opposition<br>2) Auto AV non-function | |
| | | | | Vin, Lin, R in, V out, L out, R out<br>1) MNT out of Tuner Box non-opposition<br>2) Auto AV non-opposition | |
| | | S- Video Input | 1 | PAL, SECAM, NTSC | |
| | | Audio Input | 1 | L/R For S-Video | |

| No | Item | | Specification | Remark |
|---|---|---|---|---|
| 10 | MENU (picture) | Picture Status Mode | PSM<br>▶Dynamic, Standard, Mild, User | 4 - Mode<br>- Default : Standard |
| | | Color Status Mode | CSM<br>▶Normal (9,500 °K)<br>▶ Cool (12,000 °K)<br>▶ Warm (8,500 °K)<br>▶ User (RGB Control) | 4 - Mode<br>- Default : Normal |
| | | Color Temperature<br><br>User | ▶ R, G, B | Each +/- 10 Step<br>- Default : 0 |
| | | | ▶ Contrast, Brightness, Colour, | Default |
| | | | Sharpness<br>▶ Tint | Enable For NTSC<br>5 - Mode |
| 11 | MENU (Sound) | Sound Status Mode | SSM<br>▶ Flat, Speech, Movie, Music, User | - Default : Flat<br>- Default : OFF |
| | | AVL(Auto Volume limit) | On<br>Off | |
| | | User | ▶ Treble, Bass, Balance | Default : 12:00 |
| 12 | MENU (Time) | Clock | User Setting | Default : 12:00 |
| | | Off Time | Off<br>On : User Setting (Time) | Default : 12:00/ Vol. 30 |
| | | On Time | Off<br>On : User Setting (Time/ Volume) | Default : Off |
| | | Auto Sleep | Off<br>On | Default : English |
| 13 | MENU (special) | Language (For OSD) | EU 5 languages<br>▶ English, French, German, Spanish, Italian | - etc. PR standard<br><br>Austailia/ China/ russia |
| | | | 3 languages<br>▶ English, Chinese, Russian | Default : Off |
| | | Child Lock<br>- Local key Lock | On<br>Off | --> Module Spec |
| | | ISM Method | ▶ Normal : ISM action On<br>▶ Orbiter : 2 min/ 2pixel a cycle<br>▶ Inversion : 30 min cycle On/ Off<br>▶ White Wash : Any key Off | Default : 1 |
| | | SET ID<br>(RS- 232C control ID) | 1 ~ 99 | Default : Off |
| | | Low Power | On : 30% ↓<br>Off | |

| No | | Item | | Specification | Remark |
|---|---|---|---|---|---|
| | | OSD Rotate<br>(Optional) | | ▶ Normal<br>▶ Rotate : OSD Rotate | Default : Normal<br>Enable For Pivot |
| 14 | MENU<br>(Screen) | Auto Configure | | RGB PC | |
| | | ARC | | Auto : RF/ AV/ S-AV/ Component-i<br>4:3 : All<br>16:9 : All<br>14:9 : RF/ AV/ S-AV/ Component-i<br>ZOOM : RF/ AV/ S-AV/ Component-i | Disable For<br>DW Mode |
| | | Zoom In/ Out | | Zoom in/ Out (100%~ 300%) | Default :100 |
| | | Position | | -RGB Input<br>-Component Input<br>(480p/ 576p / 1152is) | |
| | | Manual | | Phase : 0~ 31<br>Colork : -50~ +50 | RGB mode only |
| | | Screen Adj. | | TV / VCR | RF, AV, S- Video |
| | | Reset | | O | To Initialize for user data |
| | | VGA Mode | | 640 x 480<br>848 x 480<br>852 x 480 | WVGA correspondence<br>RGB/ DVI Mode |
| | | YNR | | On<br>Off | Luminance Noise<br>Reduction |
| 15 | MENU<br>(PIP/DW) | Input<br>(Main) | MT-42PZ46 | RGB ⟶ DBI | - Nothing AV B'D<br>- Nothing Tuner Box |
| | | | 1)MZ-42PZ4x<br>2)RZ-BA50 | TV⟶AV1(EXP)⟶AV2(EXP)⟶AV⟶<br>S-VIDEO⟶COMPONENT⟶RGB ⟶<br>DVI | - RCA AV B'D<br>- Scart Tuner Box |
| | | | MZ-42PZ4x | RGB⟶DVI⟶AV1⟶AV2⟶S-VIDEO | - Scart AV B'D |
| | | | 1)MT-42PZ4x<br>2)TE-BA50 | TV⟶AV(EXP)⟶AV⟶S-VIDEO<br>⟶COMPONENT⟶RGB⟶DVI | - RCA AV B'D<br>- RCA Tuner Box |
| | | | MT-42PZ4x | RGB⟶DVI⟶COMPONENT⟶AV<br>⟶S-VIDEO | - RCA AV B'D |
| | | | | TV⟶AV1(EXO)⟶AV2(EXP)⟶RG<br>B⟶DVI | - Nothing AV B'D<br>- Scart tuner Box |
| | | | | TV⟶VIDEO(EXP)⟶RGB⟶DVI<br>TV⟶AV1(EXP)⟶AV2(EXP)⟶AV1<br>⟶AV2⟶S-VIDEO⟶RGB⟶DVI | - Nothing AV B'D<br>- RCA Tuner Box |

| No | Item | | | Specification | | Remark |
|---|---|---|---|---|---|---|
| 15 | MENU (PIP/DW) | Input (Main) | | TV→AV1(EXP)→AV2(EXP)→AV1 →AV2→S-VIDEO→RGB→DVI | | - Scart AV B'D<br>- Scart Tuner Box |
| | | | | TV→AV(EXP)→AV1→AV2→ S-VIEDO→RGB→DVI | | - Scart V B'D<br>- RCA Tuner Box |
| | | DW | | OFF, DW1, DW2 | | |
| | | PIP | | OFF, ON | | |
| | | Sub Input | | Equal Main Input<br>* Display Condition<br>1) Identity of Input Source is not Main/ Sub Display<br>2) Don't allow PIP/DW between graphic signals of 480p ↑<br>3) When this condition appear,swap the Main/Sub screen and old input sourse. | | |
| | | | | Main Input | Available Sub Input | |
| | | | | RGB, DVI<br>Component 480 ↑ | TV, AV, S-VIDEO, SCART, Component 480i | |
| | | | | TV, AV, S-VIDEO<br>SCART<br>Component 480i | All (Except Limitation) | |
| | | Win, Size | | Variable | | Main/Sub screen All |
| | | Win, Position | | Variable | | PIP Screen Only |
| | | PIP ARC | | 4:3, 16:9 | | |
| 16 | MENU (CH) | Auto Program | | System, Storage(0~99), Start | | - With Tuner Box<br>- Gray Except TV Mode<br>- Gray For MNT |
| | | Manual Program | | Storage(0~99), System, CH., Fine, Search, Name | | |
| | | Program Edit | | Del, Copy, Move, Skip | | |
| 17 | Hot Key (Remote) | Input Select | Multimedia Input Select | Component→RGB→DVI | | |
| | | | | Sequentially For Input Mode | | Main Input sequence |
| | | PIP/ DW | | PIP→DW1→DW2→Off | | |
| | | SWAP | | O (Main/Sub screen Swap) | | |
| | | I/ II/ * | | SiF Control | | For Tuner Boxs |
| | | Relation Key except TEXT | | O (TEXT action standard) | | |
| | | SPLIT ZOOM | | 2/ 4/ 9 division | | |
| | | ZOOM-, ZOOM+ | | 100% ~ 300% | | |
| | | Power On | | Power, Numberic(0~9), TV/ AV, Multimedia, PR +/- | | |
| | | Etc. | | Numberic(0~9), ARC, PR+/-, VOL+/-, MUTE, PIP Input, PIP PR+/-, MENU, PSM, SSM | | |

| No | Item | | Specification | Remark |
|---|---|---|---|---|
| 18 | Adaptive | Comb Filter | 4H Comb | VPC3230 |
| | | DCDI | O | FLI2300/ FLI231 |
| | | Film Mode | X (Option) | 0 |
| | | Motion Detection | O | |
| | | Noise Reduction | O | |

## ■ Component Video Input (Y, $P_B$, $P_R$)

| No | Resolution | H-freq (kHz) | V-freq (Hz) | Pixel clock (MHz) | Proposed |
|---|---|---|---|---|---|
| 1 | 720 x 480 | 15.625 | 60.00 | 13.500 | 480I |
| 2 | 720 x 480 | 31.250 | 60.00 | 27.027 | 480P |
| 3 | 720 x 576 | 15.625 | 50.00 | 13.500 | 576I |
| 4 | 720 x 576 | 31.250 | 50.00 | 27.027 | 576p |
| 5 | 1920 x 1080 | 28.125 | 50.00 | 74.250 | 1080i |
| 6 | 1920 x 1080 (+72) | 31.250 | 50.00 | 74.250 | 1152i |

## ■ RGB Input (PC)

| No | Resolution | H-freq (kHz) | V-freq (Hz) | Pixel clock (MHz) | Proposed |
|---|---|---|---|---|---|
| PC | | | | | |
| 1 | 640 x 350 | 31.468 | 70.09 | 25.17 | EGA |
| 2 | 640 x 350 | 37.861 | 85.08 | 31.50 | EGA |
| 3 | 720 x 400 | 31.469 | 70.08 | 28.32 | DOS |
| 4 | 720 x 400 | 37.927 | 85.03 | 35.50 | DOS |
| 5 | 640 x 480 | 31.469 | 59.94 | 25.17 | VESA(VGA) |
| 6 | 640 x 480 | 35.000 | 66.66 | 30.24 | Macintosh |
| 7 | 640 x 480 | 37.861 | 72.80 | 31.50 | VESA(VGA) |
| 8 | 640 x 480 | 37.500 | 75.00 | 31.50 | VESA(VGA) |
| 9 | 640 x 480 | 43.269 | 85.00 | 36.00 | VESA(VGA) |
| 10 | 848 x 480 | 31.5 | 60.00 | 33.516 | WVGA |
| 11 | 848 x 480 | 37.799 | 70.00 | 40.748 | WVGA |
| 12 | 848 x 480 | 39.375 | 75.00 | 42.628 | WVGA |
| 13 | 852 x 480 | 31.5 | 60.00 | 33.642 | WVGA |
| 14 | 852 x 480 | 37.799 | 70.00 | 40.900 | WVGA |
| 15 | 852 x 480 | 39.375 | 75.00 | 42.840 | WVGA |
| 16 | 800 x 600 | 35.156 | 56.25 | 36.00 | VESA(SVGA) |
| 17 | 800 x 600 | 37.879 | 60.31 | 40.00 | VESA(SVGA) |
| 18 | 800 x 600 | 48.077 | 72.18 | 50.00 | VESA(SVGA) |
| 19 | 800 x 600 | 46.875 | 75.00 | 49.50 | VESA(SVGA) |
| 20 | 800 x 600 | 53.674 | 85.06 | 56.25 | VESA(SVGA) |
| 21 | 832 x 624 | 49.725 | 74.55 | 57.28 | Macintosh |

| No | Resolution | H-freq (kHz) | V-freq (Hz) | Pixel clock (MHz) | Proposed |
|---|---|---|---|---|---|
| 24 | 1024 x 768 | 48.363 | 60.00 | 65.00 | VESA(XGA) |
| 25 | 1024 x 768 | 56.476 | 70.06 | 75.00 | VESA(XGA) |
| 26 | 1024 x 768 | 60.023 | 75.02 | 78.75 | VESA(XGA) |
| 27 | 1152 x 864 | 54.348 | 60.05 | 80.00 | VESA(SXGA) |
| 28 | 1152 x 864 | 63.995 | 70.01 | 94.20 | VESA(SXGA) |
| 29 | 1152 x 864 | 67.500 | 75.00 | 108.00 | VESA(SXGA) |
| 30 | 1152 x 870 | 68.681 | 75.06 | 100.00 | VESA(SXGA) |
| 31 | 1280 x 960 | 60.023 | 60.02 | 108.00 | VESA(SXGA) |
| 32 | 1280 x 1024 | 63.981 | 60.02 | 108.00 | VESA(SXGA) |

## ■ RGB Input (DTV)

| No | Resolution | H-freq (kHz) | V-freq (Hz) | Pixel clock (MHz) | Remarks |
|---|---|---|---|---|---|
| 1 | 1024 x 576 | 31.250 | 50.00 | 27.027 | MT-42PZ4x |
| 2 | 1920 x 1080 | 28.125 | 50.00 | 74.250 | MT-42PZ4x |
| 3 | 1920 x 1080 (+72) | 31.250 | 50.00 | 74.250 | MT-42PZ4x |

## ■ PDP MODULE (PDP42V5####)

| No | Resolution | | Min | Type | Max | Unit | Remarks |
|---|---|---|---|---|---|---|---|
| 1 | Display area | | 920.1(H) x 518.4(V) +/- 0.5 | | | Mm | |
| 2 | Outline dimension | | 1006(W) x 598(H) x 6(D) +/- 1 | | | Mm | |
| 3 | Number of Pixels | | 852(H) x 480(V) | | | | |
| 4 | Number of Grdations | | 256 steps For PC RGB | | | | |
| 5 | Color Arrangement | | RGB Vertical Stripes | | | | Fish Bone Type |
| 6 | weight(net) | | 15.3 | 15.8 | 16.3 | kg | |
| 7 | weight(gross) | | 106 | 111 | 116 | Kg | Modules 5EA/ 1Box |
| 8 | Operating Environment | | Temp : 0 ~ 40 | | | Deg | |
| | | | Humidity : 20 ~ 80% | | | % | |
| 9 | Storage Enironment | | Temp : -20 ~ 60 deg | | | Deg | |
| | | | Humidity : 10 ~ 90% | | | % | |
| 10 | Image stick | Starts time | 4.5 | 5 | 5.5 | Min | |
| | minimization moe | The minimum brightness reaching time | 14 | 15 | 16 | Min | |

# ADJUSTMENT INSTRUCTIONS

## 1. Application Object

These instructions are applied to all of the PDP monitor/ Tuner , RF-03FA chassis.

## 2. Notes

(1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test instrument.
(2) Adjustment must be done in the correct order.
(3) The adjustment must be performed in the circumstance of 25±5°C of temperature and 65±10% of relative humidity if there is no specific designation.
(4) The input voltage of the receiver must keep 220V, 60Hz in adjusting.
(5) The receiver must be operated for about 15 minutes prior to the adjustment.

¤ After receiving 100% white pattern, the receiver must be operate prior to adjustment.(Or white condition in HEAT-RUN mode)
¤Ł Enter into HEAT-RUN mode
- Select the HEAT-RUN OFF by pressing ADJ Key on Remote Control for adjustment.
- Press the VOL + Key in HEAT-RUN OFF. (OSD display HEAT-RUN WHITE and screen display 100% FULL WHITE PATTERN)

⁕ Set is activated HEAT-RUN without signal generator in this mode.
⁕ Single color pattern of HEAT-RUN mode uses to check PANEL.(RED/BLUE/GREEN)

***[Caution]*** *If you turn on a still screen more than 20 minutes, a afterimage may be occur in the black level part of the screen.*

## 3. RGB Auto Cut-Off & MIN Bia Adjustment

(1) Input Full Back (0 Gray) signal which generated from Pattern Generator into CVBS and RGB1 Input part.
(2) Press POWER ON KEY on R/C for adjustment and select AUTO-CUT(Cut-off Auto Adjustment)
(3) Press Vol. + key and operate TO SET
(4) Screen adjustment starts with Full Black screen. Original Window screen will be presented about 3-5 seconds later. And if there is a mark of OK OSD, then the Auto Cut-off and Min-Bias adjustment will be completed.
(5) Pass to the next MAX Bias Adjustment after Adjustment.

⁕ Replace PDP Module or Power Board, adjust certainly Power PCB Assy Voltage.

● You can check whether circuit adjustment is operated well or not, as below.
(1) Display RGB1 to the Main picture, CVBS to the Sub picture in the TWIN PICTURE.
(2) To check the MIN-Bias, input Full Black (0 gray) signal into CVBS and RGB1 input part at the same time in the Pattern Generator.
(3) To check the MAX-Bias, input Full White (255 gray) signal into CVBS and RGB1 input part at the same time in the Pattern Generator.
(4) Compare Black Level with White Level by eyes. And if there is no Level difference, the adjustment is completed well.

● Data value, which adjusted in the board, is valid until the VSC Board is dissued and must be protected. For the protection of data, Micom does not permit any more adjustment after completion.
● In case of re-adjustment, operate First Value Setting.

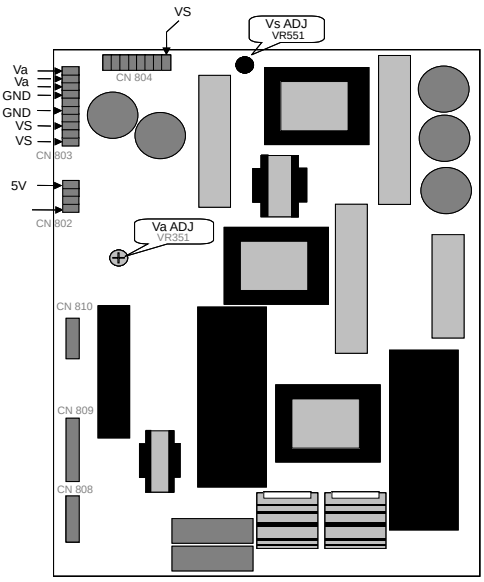
Each PCB Assy must be checked by the Check JIG Set before whole assembly. (Be careful the POWER PCB Assy not to damage to PDP Module)

## 4. POWER PCB Assy Voltage Adjustment (Va, Vs, Voltage Adjustment)

### 4-1. Test Equipment

D.M.M 1EA

### 4-2. Connection Diagram for Measuring




<Fig 1> Connection Diagram of MURATA Power Adj. for Measuring

### 4-3. Adjustment Method

(1) Va Adjustment
¤ After receiving 100% white pattern, HEAT RUN.
¤Ł Connect + terminal of D.M.M to Va pin of CN803 and connect – terminal to GND pin of CN803.
¤Ø After turning the VR351, voltage of D.M.M adjustment as same as Va voltage which on label of panel Right/Top. (Deviation : ±0.5V)

(2) Vs Adjustment

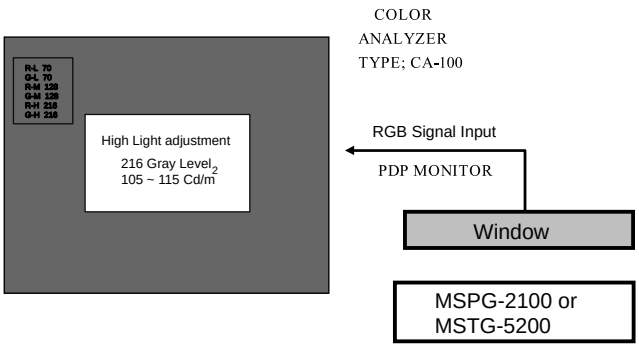
- ¤ Connect + terminal of D.M.M to Vs pin of P805 and connect – terminal to GND pin of CN803.
- ¤Ł After turning the VR551, voltage of D.M.M adjustment as same as Vs voltage which on label of panel Right/Top. (Deviation : ±0.5V)

# 5. Adjustment of White Balance

## 5-1. Required Equipment

Color analyzer (CA-100 or same product)

## 5-2. Connection Diagram of Equipment for Measuring (Manual Adjustment)




<Fig 2> Connection Diagram of Manual Adjustment

## 5-3. Adjustment of White Balance

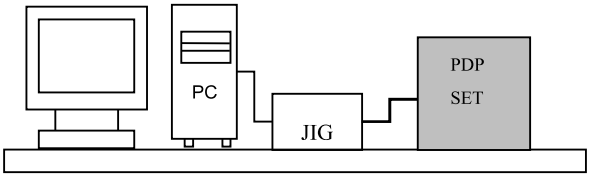
- Operate the Zero-calibration of the CA-100, then stick sensor to PDP module surface when you adjust.
- For manual adjustment, it is also possible by the following sequence.

(1) Select WHITE PATTERN of HEAT RUN mode by pressing POWER ON KEY on remote control for adjustment then operate HEAT RUN more than 10 minute.
(2) Supply 216Gray Level, 50% size length and breadth signal to RGB input. (Refer to Fig 2)
(3) To adjust High Light, stick sensor to 216Gray Level(or 105~115 Cd/m2) Pattern, press ADJ Key on R/C for adjustment and press ▲, ▼ on R/C in adjustment mode to select R-L or G-L, press VOL +, - Key and adjust it until color coordination becomes as below.
[MZ-42PZ4x, MT-42PZ4x]
X: 0.270±0.003, Y: 0.267±0.003
Color temperature: 13,000°K±500°K
(4) Exit adjustment mode using ■ Key.

# 6. DDC Data Input

## 6-1. Required Test Equipment

(1) A jig for adjusting PC, DDC. (PC serial to D-sub. Connection equipment)
(2) S/W for writing DDC(EDID data write & read)
(3) D-Sub 15P cable, D-Sub to DVI Connector (Connect to DVI Jack)




## 6-2. Setting of Device

## 6-3. Preparation for Adjustment

(1) Set devices as above and turn the PC, jig on.
(2) Put S/W for writing DDC (EDID data write & read) into operation. (operated in DOS mode.)

## 6-4. Sequence of Adjustment

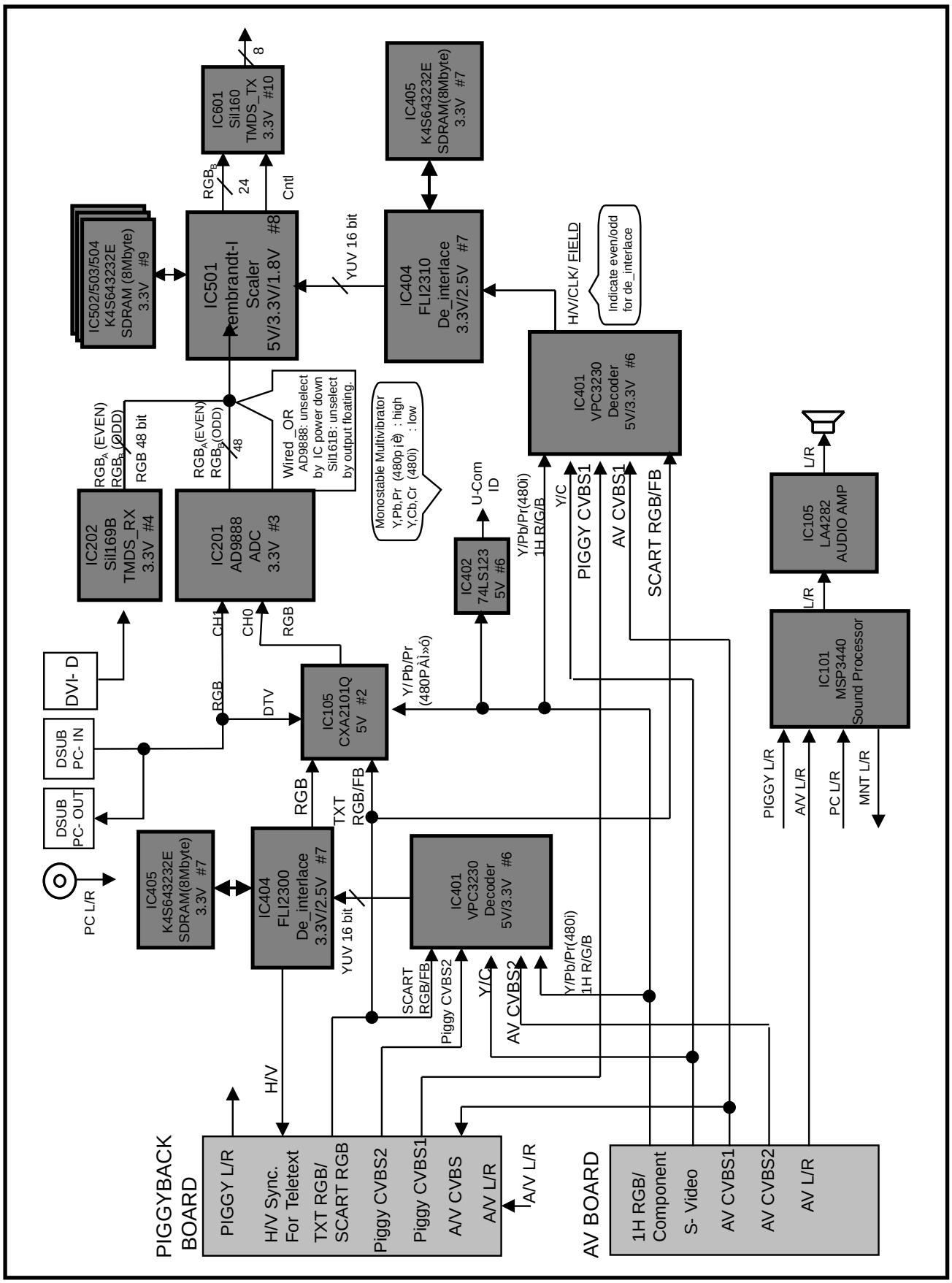
(1) DDC Data Input for Analog-RGB

- ¤ Put the set on the table and turn the power on.
- ¤Ł Connect PC Serial to D-sub 15P Cable of JIG for DDC Adjustment to RGB terminal (D-Sub 15Pin).
- ¤Ø Operate S/W for DDC record and select DDC Data for Analog RGB in Model Menu.
- ¤Œ Operate EDID Write command.
- ¤º Operate EDID Read command and check whether Check Sum is OK.
- ¤ If Check Sum is NG, repeat c) ~ d).
- ¤ If Check Sum is OK, DDC Data for Analog-RGB input is completed.

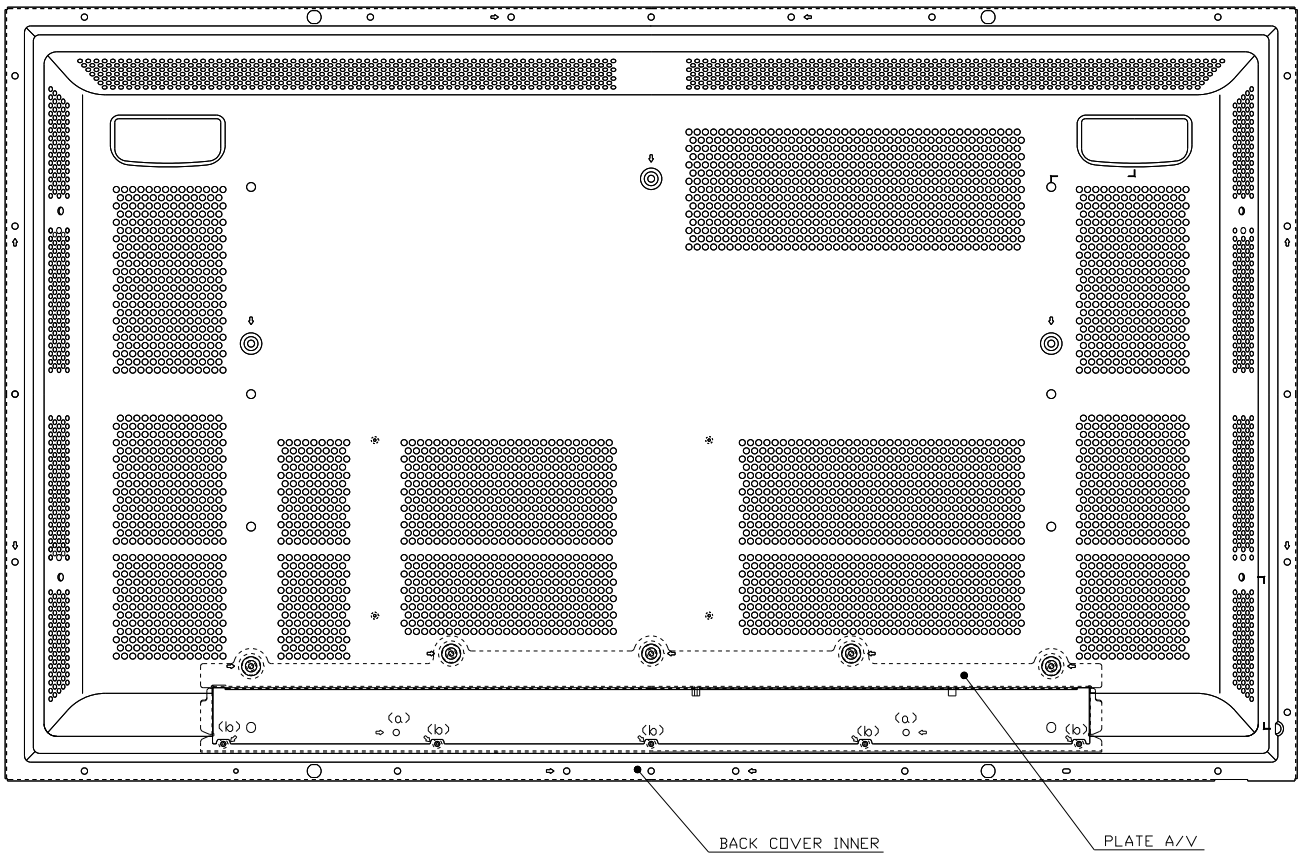
(2) DDC Data input for Digital-RGB

- ¤ Connect PC Serial to DVI Cable of JIG for DDC Adjustment to RGB2 terminal (DVI Jack).
- ¤Ł Operate S/W for DDC record and select DDC Data for Digital RGB in Model Menu.
- ¤Ø Operate EDID Write command.
- ¤Œ Operate EDID Read command and check whether Check Sum is OK.
- ¤º If Check Sum is NG, repeat c) ~ d).
- ¤ If Check Sum is OK, DDC Data for Digital-RGB input is completed.

# BLOCK DIAGRAM



# ASSEMBLY METHOD




1. MODULE of <a> part and PLATE A/V unite two things.

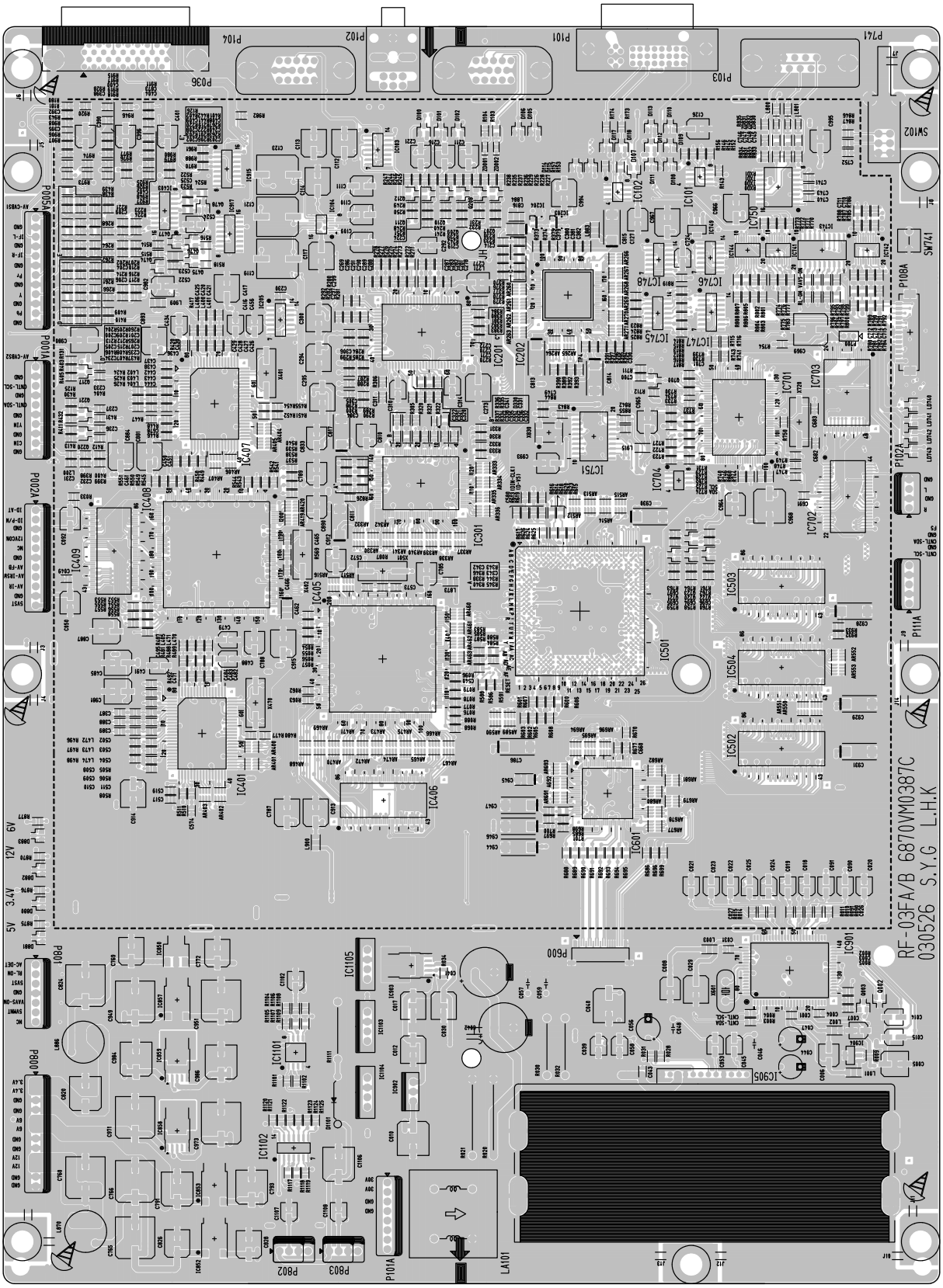
2. Unite after put on BACK COVER INNER of <b> part .

3. Disassembly is opposite to Assembly.

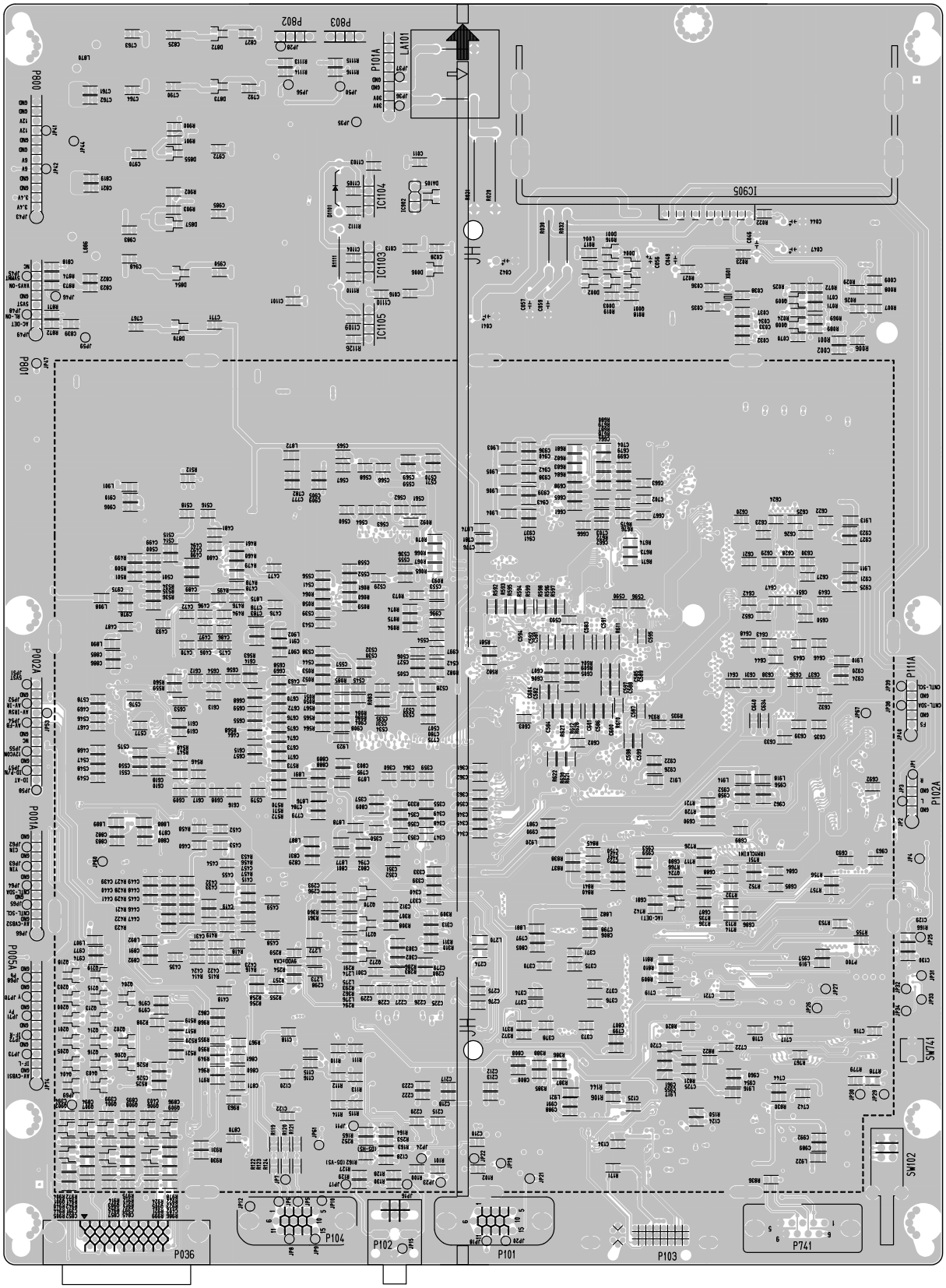
**NOTE>** Working sequence of <a> Part is different from <b> Part.

# PRINTED CIRCUIT BOARD

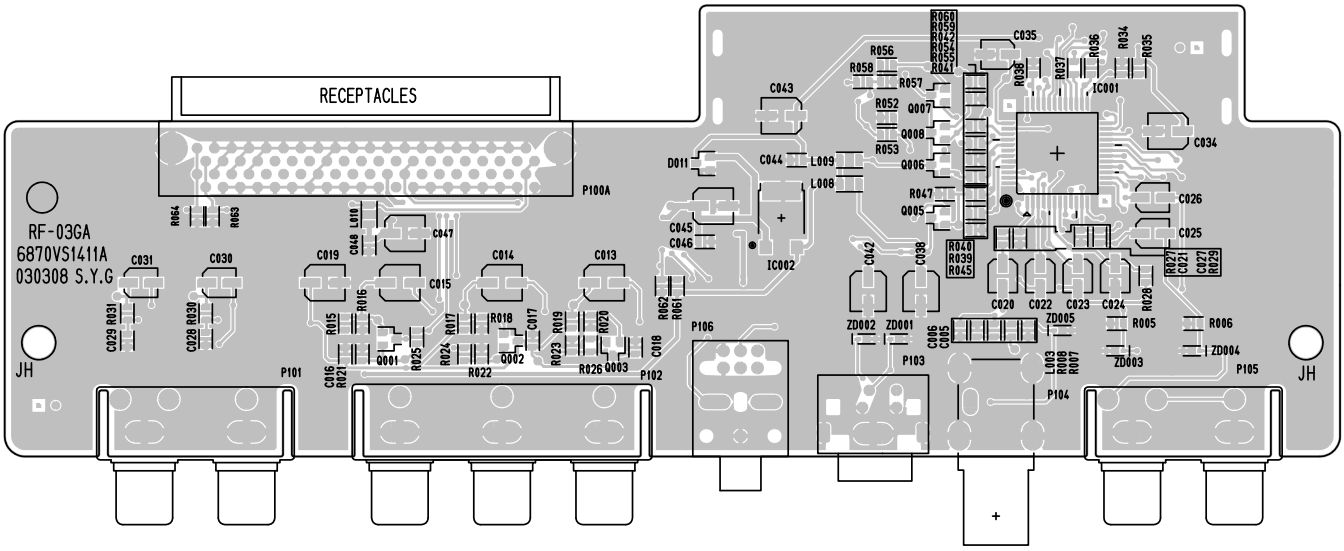
## MAIN (TOP)



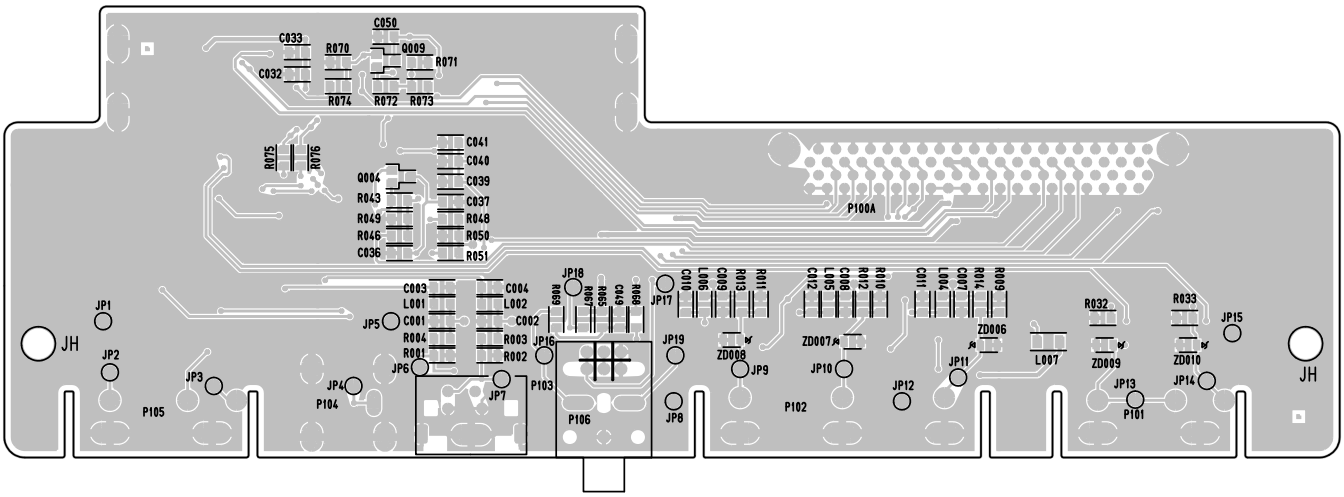
## MAIN (BOTTOM)


P802
P803
P101A
LA101
P800
IC1104
IC1103
IC1105
IC905
P801
P102A
P111A
P102A
P001A
P005A
SW741
SW102
P036
P104
P102
P101
P103
P741

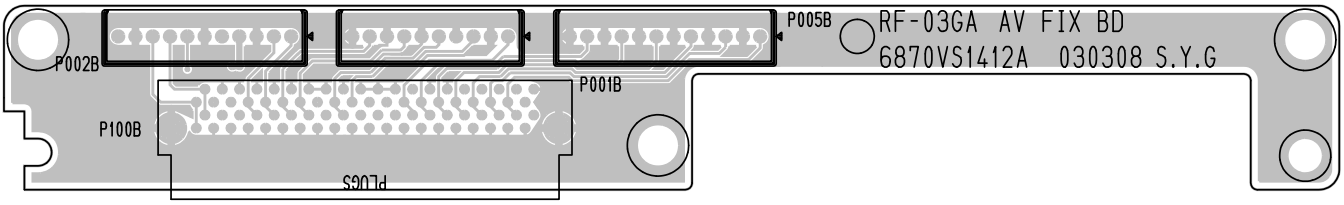
## AV BOARD (TOP)



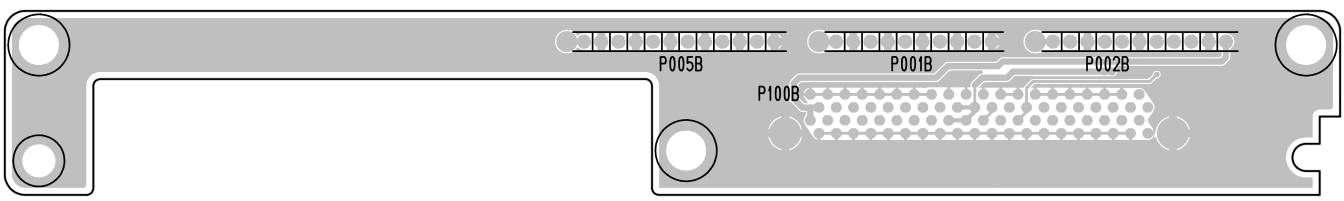

## AV BOARD (BOTTOM)



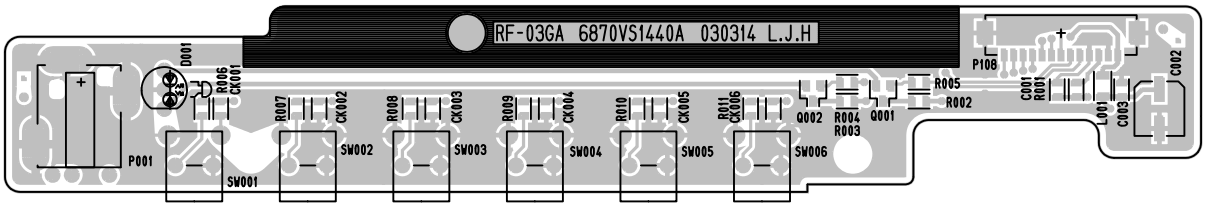

## AV FIX BOARD (TOP)



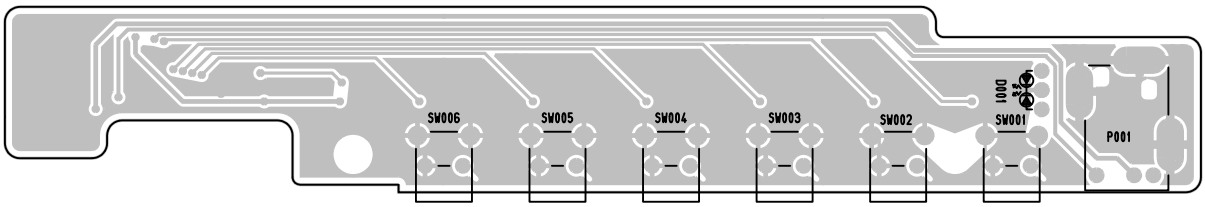

## AV FIX BOARD (BOTTOM)



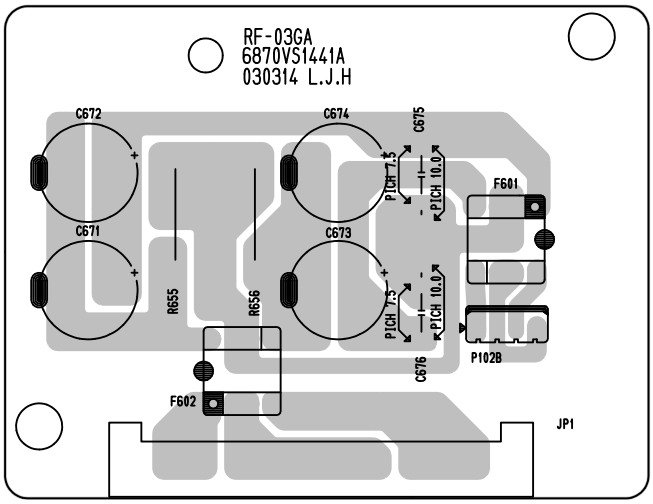
## CONTROL BOARD (TOP)



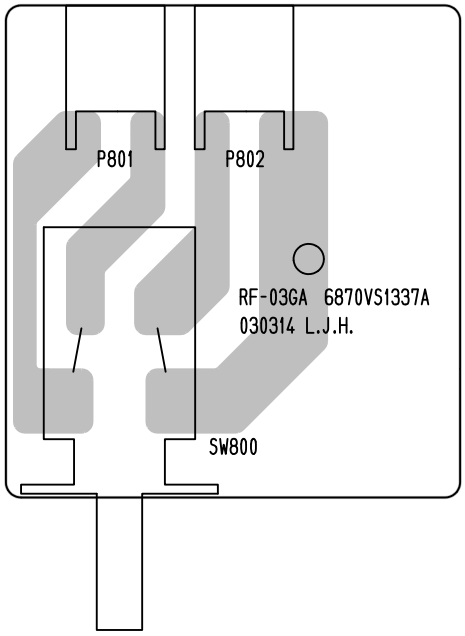

## CONTROL BOARD (BOTTOM)



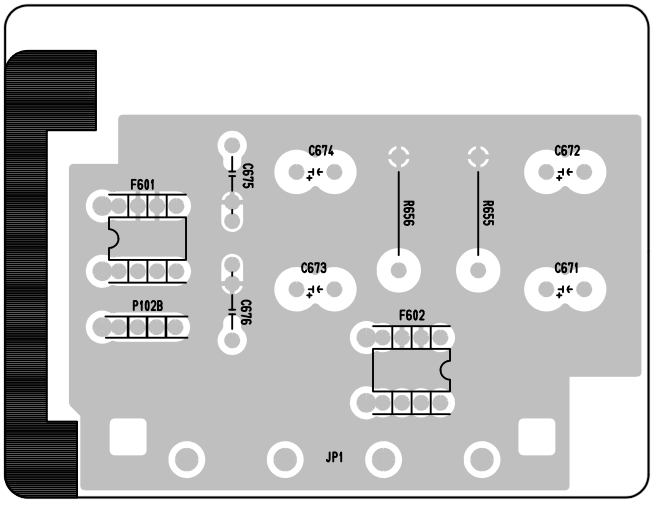

## SPEAKER (TOP)




## POWER SWITCH

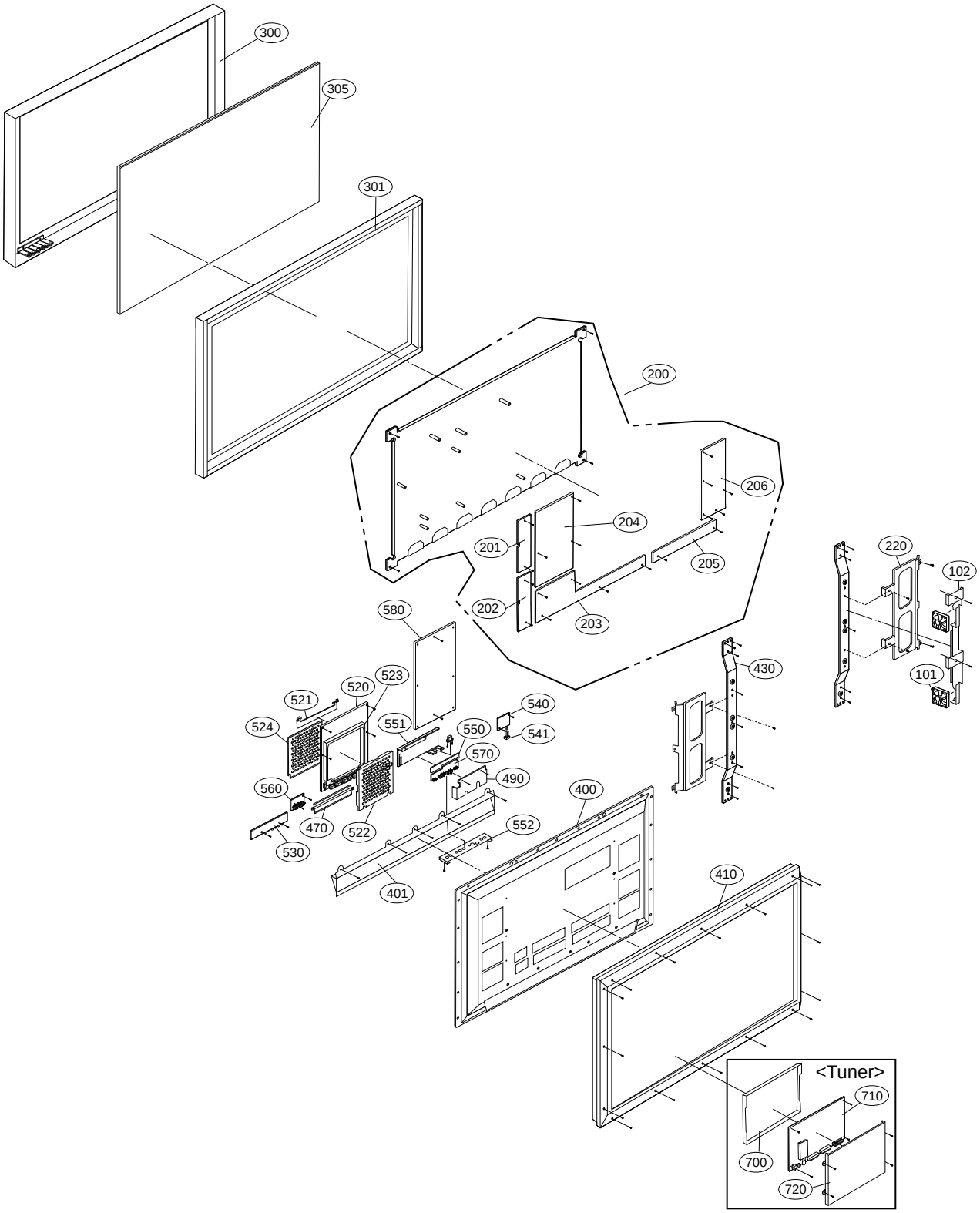



## SPEAKER (BOTTOM)



## MEMO

# EXPLODED VIEW



# EXPLODED VIEW PARTS LIST

| No. | Part No. | Description |
|---|---|---|
| 101 | 5900V04009A | FAN,DC 412F/39M PAPST 40*40*10 12V/45MA 4300RPM 17 PDP 42” |
| 102 | 4980V00985B | SUPPORTER, FAN EGI SKD |
| 200 | 6348Q-E036A | PDP, 42” 16:9 852*480 PDP42V50000(KK MODEL), FOR INTERCOMPANY DOMESTIC, WOODEN PALLET |
| | 6348Q-E038B | PDP, 42” 16:9 852*480 PDP42V50330.ADLGA |
| 201 | 6871QDH051A | PWB ASSEMBLY,DISPLAY YDRV ASSY HAND INSERT 42SD5_YDRV_TOP_TI_4LAYER |
| 202 | 6871QDH052A | PWB ASSEMBLY,DISPLAY YDRV ASSY HAND INSERT 42SD5_YDRV_BTM_TI_4LAYER |
| 203 | 6871QCH025A | PWB ASSEMBLY,DISPLAY CTRL ASSY HAND INSERT 42SD5 CTRL BD(LPCMC1121) |
| | 6871QCH031C | PWB(PCB) ASSEMBLY,DISPLAY CTRL ASSY HAND INSERT 42V5 TMDS LGPCMV1222H |
| 204 | 6871QYH027A | PWB ASSEMBLY,DISPLAY YSUS ASSY HAND INSERT 42SD5_SEPERATED_YSUS |
| | 6871QYH027B | PWB(PCB) ASSEMBLY,DISPLAY YSUS ASSY HAND INSERT 42V5 SONY STANDRAD |
| 205 | 6871QRH034A | PWB ASSEMBLY,DISPLAY XRRT ASSY HAND INSERT 42SD5_XR_SEPERATE(4 LAYER) |
| 206 | 6871QZH030A | PWB ASSEMBLY,DISPLAY ZSUS ASSY HAND INSERT 42SD5(YZ SEPARATE) |
| | 6871QZH030B | PWB(PCB) ASSEMBLY,DISPLAY ZSUS ASSY HAND INSERT 42V5 SONY STANDARD |
| 210 | 4980V00460A | SUPPORTER, VERTICAL MN-42PZ40 . |
| | 4980V00460B | SUPPORTER, MODULE EGI SKD |
| 220 | 4980V00464B | SUPPORTER, SPK SBHG |
| | 4980V00464C | SUPPORTER, SPK SBHG MT-42PZ41V |
| 300 | 3091V00B01S | CABINET ASSEMBLY, MZ-42PZ44 KK MODULE |
| | 3091V00B01P | MZ-42PZ43VS RE02RA SKD |
| | 3091V00B01T | CABINET ASSEMBLY, MZ-42PZ44 KK VGA SKD |
| 301 | 3110V00229A | CASE, ASSY MN-42PZ40 |
| | 3110V00229B | CASE, ASSY MT-42PZ41V LGESY SKD |
| 305 | 3790V00281E | FILTER(MECH) MN-42PZ40S 1142G03E GLASS NBK MESH SINGLE AR |
| | 3790V00709B | FILTER(MECH), MN42PZ41 LGM42-01 MITSUI 42” ETCHING MESH GLASS FILTER |
| 400 | 3809V00A47K | BACK COVER ASSEMBLY |
| | 3809V00A47M | BACK COVER ASSEMBLY, MZ-42PZ45V SKD |
| 401 | 3301V00010G | PLATE ASSEMBLY, A/V |
| | 3301V00010R | PLATE ASSEMBLY, A/V 3300V00205D WALES SKD |
| 410 | 3809V00A58F | BACK COVER ASSEMBLY |
| | 3809V00A58G | BACK COVER ASSEMBLY, MZ-42PZ44 KK VGA SKD |
| 470 | 4814V00344C | SHIELD, PLATE MZ-42PZ44 RF03FA ET SUSTAIN |
| | 4814V00344D | SHIELD, PLATE MZ-42PZ44 RF03FA ET SKD |
| | 4814V00344F | SHIELD, PLATE MZ-42PZ44 RF03FA ET SKD |
| 490 | 4814V00309B | SHIELD, COVER RJ-42PZ40 RF02KC AL AC SOCKET |
| | 4814V00309D | SHIELD, MN-42PZ40 RF02RA AL SKD |
| 520 | 6871VMMQ79A | PWB(PCB) ASSEMBLY,MAIN RF-03FA MT NORMAL |
| | 6871VMMQ79C | PWB(PCB) ASSEMBLY,MAIN RF-03FA RUSSIA |
| | 6871VMM498B | PWB(PCB) ASSEMBLY,MAIN RF03FA MANUAL VSC PIGGY BACK |
| 522 | 4814V00357C | SHIELD, CASE MZ-42PZ44 SBHG TOP PRESS |
| 523 | 4814V00358C | SHIELD, CASE MZ-42PZ44 SBHG MIDDLE PRESS |
| 524 | 4814V00359C | SHIELD, CASE MZ-42PZ44 SBHG BOTTOM PRESS |
| 530 | 6871VSMU44A | PWB ASSEMBLY,SUB CONT RF03GA MU-42PZ44 |
| 540 | 6871VSMV04A | PWB ASSEMBLY,SUB PSW RF03GA MU-42PZ44 |
| 541 | 5020V00666A | BUTTON, POWER MT-42PZ41V ABS, AF-303S 1KEY |
| | 5020V00666C | BUTTON, POWER MT-42PZ41V ABS, AF-303S 1KEY LGESY SKD |
| 550 | 6871VSMU96A | PWB ASSEMBLY,SUB INTER RF03FA FIX B/D ASSY |
| 551 | 4980V00465D | SUPPORTER, AV INTERFACE SBHG MU-42PZ41 |
| | 4980V00465F | SUPPORTER |
| 552 | 4980V00748C | SUPPORTER AV INTERFACE |
| | 4980V00748J | SUPPORTER, AV INTERFACE EGI MZ-42PZ44 SKD |
| 560 | 6871VSMU45A | PWB ASSEMBLY,SUB SPK RF03GA MU-42PZ44 |
| 570 | 6871VSMU53B | PWB ASSEMBLY,SUB A/V RF03FA PIGGYBACK-RCA |
| 580 | 3501V00149A | BOARD ASSEMBLY, POWER MZ42PZ44 RF03FA MPF7407 MURATA 42KK |
| 580 | 3501V00149B | BOARD ASSEMBLY, POWER MT42PZ44 RF03FA MPF7407 MURATA 42KK |
| **TUNER (RT/RZ-BA50)** | | |
| 700 | 3110V00237E | CASE, TUNER RZ-BA50 EGI BOTTOM ASSY |
| | 3110V00237F | CASE, TUNER RT-BA50 EGI BOTTOM ASSY |
| 710 | 6871VMM499B | PWB ASSEMBLY,MAIN RF03FA PIGGYBACK STB-SCART |
| | 6871VMM500C | PWB ASSEMBLY,MAIN RF03FA PIGGYBACK STB-SCART |
| 720 | 3110V00242E | CASE, TUNER RZ-BA50 EGI TOP ASSY |
| | 3110V00242F | CASE, TUNER RT-BA50 EGI TOP ASSY |

# REPLACEMENT PARTS LIST (MONITOR)

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| **IC** | | |
| IC001 | 0ISO208900A | IC, CXA2089Q 48QFP BK A/V SWITCH |
| IC002 | 0IMCRFA010A | IC, KA7809R, FAIRCHILD 2P D-PAK, R/TP REGULATOR |
| IC101 | 0IAL242110A | IC, AT24C21-10SI-2.5 8P,SOP TP 1K EEPROM |
| IC102 | 0IAL242110A | IC, AT24C21-10SI-2.5 8P,SOP TP 1K EEPROM |
| IC103 | 0IMCRTI003A | IC, SN74HCT08D TEXAS INSTRUMENT 16P R/TP |
| IC104 | 0IPRPBB005A | IC, OPA3692IDBQ BUR BROWN 16PIN SSOP R/TP |
| IC1101 | 0IDS162100B | IC, DS1621V 8P SOIC ST THERMOSTAT - |
| IC1102 | 0IMCRPH015A | IC, 74LVC32AD PHILIPS 14P SOT108-1 R/TP |
| IC1103 | 0ISH092100B | IC, PQ09RD21 4SIP ST REGULATOR - |
| IC1104 | 0ISH122100B | IC, PQ12RD21 4SIP ST REGULATOR - |
| IC201 | 0ISO210100B | IC, CXA2101AQ 80P,QFP BK VIDEO SIGNAL |
| IC202 | 0IPRPTI001A | IC, TFP401PZP TEXAS INSTRUMENT 100,TQFP R/TP |
| IC205 | 0IMCRTI003A | IC, SN74HCT08D TEXAS INSTRUMENT 16P R/TP |
| IC301 | 0IMCRAD003A | IC, AD9888KS-140 ANALOG DEVICE 128P MQFP |
| IC401 | 0IIT323000E | IC, VPC3230D C5 80P QFP TRAY VIDEO |
| IC403 | 0IFA741230A | IC, DM74LS123MX 16SOP TP DUAL RETRIG. |
| IC405 | 0IMCRGN001B | IC, FLI2310BC GENESIS 208P PQFP |
| IC406 | 0IMMRHY033A | IC, HY57V643220C(L)T-6 HYNIX 86P TSOP |
| IC407 | 0IIT323000E | IC, VPC3230D C5 80P QFP TRAY VIDEO |
| IC408 | 0IMCRGN002B | IC, FLI2300BC GENESIS 208P PQFP |
| IC409 | 0IMMRHY033A | IC, HY57V643220C(L)T-6 HYNIX 86P TSOP |
| IC501 | 0IMCROT001A | IC, REMBRANT-1A OPLUS TECHNOLOGIES LTD 352BALL |
| IC502 | 0IMMRHY033A | IC, HY57V643220C(L)T-6 HYNIX 86P TSOP |
| IC503 | 0IMMRHY033A | IC, HY57V643220C(L)T-6 HYNIX 86P TSOP |
| IC504 | 0IMMRHY033A | IC, HY57V643220C(L)T-6 HYNIX 86P TSOP |
| IC601 | 0IS5160000A | IC, SII160 100 TQFP ST PANELLINK |
| IC701 | 0IMCRRS001A | IC, R8820LV RDC SEMICONDUCTOR LTD 100P PQFP |
| IC702 | 0IMMRSS064A | IC, K6R4016V1D-TC10 44P TSOP2-400BF R/TP 4M(256K*16) |
| IC703 | 0IMMRMR006A | IC, COPY MX29LV160TTC-70 MACRONIX 48P TSOP R/TP |
| IC704 | 0IMMRAL025A | IC, AT24C32AN-10SI-2.7 ATMEL 8PIN SOP TP 32K 3.3V |
| IC741 | 0IMCRFA013A | IC, 74LCX244MTC FAIRCHILD 20P TSSOP R/TP |
| IC742 | 0IMCRFA013A | IC, 74LCX244MTC FAIRCHILD 20P TSSOP R/TP |
| IC743 | 0ITI745740M | IC, SN74HC574NSR 14P,SOP TP D-TYPE EDGE |
| IC744 | 0IMCRPH017A | IC, 74LVC574APW 20P SOT360-1 R/TP D-TYPE FLIP-FLOP |
| IC745 | 0IPH740800L | IC, 74LVT08D 14SOP R/TP LOW VOLTAGE AND DI-32Q82 |
| IC746 | 0IMCRPH015A | IC, 74LVC32AD 14P SOT108-1 R/TP QUAD 2-IN OR GATE |
| IC747 | 0IMCRPH016A | IC, 74LVC139D PHILIPS 16P SOT109-1 R/TP |
| IC748 | 0IMCRPH014A | IC, 74LV132D 14P SOT108-1 R/TP QUAD 2-IN |
| IC749 | 0IKE702700D | IC, KIA7027AF 3, SOT-89 TP RESET IC 2.7V |
| IC750 | 0IDS232000A | IC, DS232AS 16P,SOP TP RS-232 DRIVER/RECEIVER |
| IC751 | 0IPH858400A | IC, PCF8584T 20P,SOP TP IIC BUS CONTROLLER |
| IC802 | 0ISA428200A | IC, LA4282 12S 2CHX10W AUDIO AMP |
| IC850 | 0IMCRSJ001A | IC, SC1565IST-1.8 SEMTECH 3P SOT223 TP REGULATOR |
| IC852 | 0IMCRFA010A | IC, KA7809R, FAIRCHILD 2P D-PAK, R/TP |
| IC853 | 0IMCRRH001A | IC, BA033FP ROHM 3P-SOP,TO252-3 R/TP 3.3V REGULATOR |
| IC857 | 0IMCRRH001A | IC, BA033FP ROHM 3P-SOP,TO252-3 R/TP 3.3V REGULATOR |
| IC858 | 0IMCRSH001A | IC, PQ05DZ1U SHARP 5, SMD TYPE R/TP REGULATOR |
| IC859 | 0IMCRSH001A | IC, PQ05DZ1U SHARP 5, SMD TYPE R/TP REGULATOR |
| IC901 | 0IMCRMN014A | IC, MSP3440G QA B8 V3 MICRONAS 80 QFP |
| IC902 | 0IKE780800J | IC, KIA7808API 3 ST REGULATOR . |
| IC903 | 0IMCRSH001A | IC, PQ05DZ1U 5, SMD TYPE R/TP REGULATOR |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| IC904 | 0IKE704200J | IC, KIA7042AF SOT-89 TP 4.2V VOLTAGE DETECTOR |
| IC915 | 0IMCRTI001A | IC, SN74HCT157D TEXAS INSTRUMENT 16P R/TP RL-JA10 |
| IC917 | 0IFA742530B | IC, 74ACT253SC 16P-SOIC, JEDEC MS-012 R/TP |
| **TRANSISTOR** | | |
| IC203 | 0TR830009BA | TR, BSS83 TP N-CHANNEL S/W |
| IC204 | 0TR830009BA | TR, BSS83 TP N-CHANNEL S/W |
| Q001 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q001 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q001 | 0TR150400BA | TR, CHIP 2SA1504S(ASY) KEC |
| Q002 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q002 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q002 | 0TR150400BA | TR, CHIP 2SA1504S(ASY) KEC |
| Q003 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q003 | 0TR150400BA | TR, CHIP 2SA1504S(ASY) KEC |
| Q004 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q005 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q006 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q007 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q008 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q008 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q009 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q009 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q200 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q201 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q202 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q203 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q204 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q205 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q206 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q207 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q208 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q209 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q210 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q211 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q212 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q213 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q214 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q215 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q216 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q217 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q218 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q219 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q220 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q221 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q270 | 0TR150400BA | TR, CHIP 2SA1504S(ASY) KEC |
| Q271 | 0TR150400BA | TR, CHIP 2SA1504S(ASY) KEC |
| Q272 | 0TR150400BA | TR, CHIP 2SA1504S(ASY) KEC |
| Q403 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q404 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q474 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q475 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q476 | 0TR150400BA | TR, CHIP 2SA1504S(ASY) KEC |

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| Q477 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q478 | 0TR104009AF | TR, CHIP KRC104S SOT-23 TP KEC |
| Q700 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q720 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q721 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q722 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q723 | 0TR150400BA | TR, CHIP 2SA1504S(ASY) KEC |
| Q724 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q901 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q902 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q903 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q904 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q905 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q906 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q907 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q908 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| Q909 | 0TR387500AA | TR, CHIP 2SC3875S(ALY) KEC |
| **DIODE** | | |
| D001 | 0DD184009AA | DIODE, KDS184S CHIP 85V 300MA KEC TP |
| D001 | 0DL200000CA | LED SAM5670(DL-2LRG) BK Y-GREEN - |
| D002 | 0DD184009AA | DIODE, KDS184S CHIP 85V 300MA KEC TP |
| D003 | 0DD184009AA | DIODE, KDS184S CHIP 85V 300MA KEC TP |
| D004 | 0DD184009AA | DIODE, KDS184S CHIP 85V 300MA KEC TP |
| D006 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D011 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D100 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D101 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D102 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D105 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D106 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D107 | 0DD184009AA | DIODE, KDS184S CHIP 85V 300MA KEC TP |
| D108 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D109 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D110 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D111 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D112 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D113 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D114 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D115 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D117 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D118 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D854 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D855 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D857 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D870 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D872 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D873 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| D880 | 0DL233309AC | LED GREEN/RED GREEN:10MCD, RED:6MCD |
| D881 | 0DL233309AC | LED GREEN/RED GREEN:10MCD, RED:6MCD |
| D882 | 0DL233309AC | LED GREEN/RED GREEN:10MCD, RED:6MCD |
| D883 | 0DL233309AC | LED GREEN/RED GREEN:10MCD, RED:6MCD |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| DA105 | 0DD226239AA | DIODE, CHIP KDS226 SOT-23 |
| LD740 | 0DL233309AC | LED GREEN/RED GREEN:10MCD, RED:6MCD |
| LD741 | 0DL233309AC | LED GREEN/RED GREEN:10MCD, RED:6MCD |
| LD742 | 0DL233309AC | LED GREEN/RED GREEN:10MCD, RED:6MCD |
| LD743 | 0DL233309AC | LED GREEN/RED GREEN:10MCD, RED:6MCD |
| ZD001 | 0DR050008AA | DIODE, SD05.TC R/TP SEMTECH SOD323 5V 5A 15A |
| ZD002 | 0DR050008AA | DIODE, SD05.TC R/TP SEMTECH SOD323 5V 5A 15A |
| ZD830 | 0DR050008AA | DIODE, SD05.TC R/TP SEMTECH SOD323 5V 5A 15A |
| ZD831 | 0DR050008AA | DIODE, SD05.TC R/TP SEMTECH SOD323 5V 5A 15A |
| ZD832 | 0DR050008AA | DIODE, SD05.TC R/TP SEMTECH SOD323 5V 5A 15A |
| **CAPACITOR** | | |
| C002 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C005 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C006 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C007 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C008 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C010 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C012 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C013 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C014 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C014 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C015 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C015 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C017 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C018 | 0CE474SK6DC | 0.47UF MVG 50V M SMD R/TP |
| C019 | 0CE474SK6DC | 0.47UF MVG 50V M SMD R/TP |
| C019 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C020 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C020 | 0CE335SK6DC | 3.3UF MVG 50V 20% SMD R/TP |
| C021 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C022 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C022 | 0CE474SK6DC | 0.47UF MVG 50V M SMD R/TP |
| C023 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C023 | 0CE474SK6DC | 0.47UF MVG 50V M SMD R/TP |
| C024 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C024 | 0CE474SK6DC | 0.47UF MVG 50V M SMD R/TP |
| C025 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C025 | 0CE474SK6DC | 0.47UF MVG 50V M SMD R/TP |
| C026 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C029 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C030 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C030 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C031 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C034 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C035 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C038 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C039 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C040 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C041 | 0CE477DK618 | 470UF STD 50V 20% FL TP 5 |
| C042 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C042 | 0CE477DK618 | 470UF STD 50V 20% FL TP 5 |

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|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C043 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C044 | 0CE107DH618 | 100UF STD 25V M FL TP5 |
| C045 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C045 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C046 | 0CQ1521N509 | 0.0015U 100V K POLY TP |
| C047 | 0CE107DH618 | 100UF STD 25V M FL TP5 |
| C047 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C048 | 0CQ1521N509 | 0.0015U 100V K POLY TP |
| C050 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C053 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C056 | 0CE107DH618 | 100UF STD 25V M FL TP5 |
| C057 | 0CQ1041N509 | 0.1U 100V K POLY TP |
| C058 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C059 | 0CQ1041N509 | 0.1U 100V K POLY TP |
| C090 | 0CE474SK6DC | 0.47UF MVG 50V M SMD R/TP |
| C091 | 0CE474SK6DC | 0.47UF MVG 50V M SMD R/TP |
| C092 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C109 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C110 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C1102 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C1106 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C1107 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C1108 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C111 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C112 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C113 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C114 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C117 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C119 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C121 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C123 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C126 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C127 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C211 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C216 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C221 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C273 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C277 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C292 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C294 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C295 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C300 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C310 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C314 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C387 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C388 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C389 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C390 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C396 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C401 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C416 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C417 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C419 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C433 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C434 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C436 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C437 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C438 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C442 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C443 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C444 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C447 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C456 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C479 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C485 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C488 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C489 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C491 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C494 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C502 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C503 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C504 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C510 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C523 | 0CN105EJ56A | 1.0UF 3216 35V 10% R/TP X7R |
| C524 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C671 | 0CE477DK618 | 470UF STD 50V 20% FL TP 5 |
| C672 | 0CE477DK618 | 470UF STD 50V 20% FL TP 5 |
| C673 | 0CE477DK618 | 470UF STD 50V 20% FL TP 5 |
| C674 | 0CE477DK618 | 470UF STD 50V 20% FL TP 5 |
| C675 | 181-120K | 2200PF 4KV M E FMTW LEAD 4.5 |
| C676 | 181-120K | 2200PF 4KV M E FMTW LEAD 4.5 |
| C724 | 0CE105SK6DC | 1UF MVG 50V M SMD R/TP |
| C760 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C765 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C766 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C769 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C772 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C785 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C786 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C787 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C788 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C789 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C791 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C793 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C810 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C811 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C817 | 0CE106SF6DC | 10UF MVG 16V 20% R/TP(SMD) SMD |
| C820 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C824 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C826 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C828 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C833 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C839 | 0CN105EJ56A | 1.0UF 3216 35V 10% R/TP X7R |
| C881 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |

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|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C884 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C887 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C890 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C893 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C912 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C913 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C914 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C915 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C928 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C929 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C930 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C931 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C949 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C951 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C964 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C965 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C966 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C967 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C968 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C969 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C971 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C973 | 0CE477VF6DC | 470UF MV 16V 20% R/TP(SMD) SMD |
| C980 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C981 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C982 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C984 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C986 | 0CE227VF6DC | 220UF MV 16V 20% R/TP(SMD) SMD |
| C993 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |
| C994 | 0CE107SF6DC | 100UF MVG 16V M SMD R/TP |
| C995 | 0CE476SF6DC | 47UF MVG 16V M SMD R/TP |

## COIL & INDUCTOR

| | | |
|---|---|---|
| L200 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L400 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L401 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L402 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L403 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L404 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L405 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L406 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L470 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L471 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L472 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L473 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L474 | 0LC0233002A | INDUCTOR 3.3UH CERATECH R/TP |
| L870 | 6140VB0004B | COIL,CHOKE 26UH 1UEWPHY 22.5TURN YL-9N 0.4 |
| L886 | 6140VB0004B | COIL,CHOKE 26UH 1UEWPHY 22.5TURN YL-9N 0.4 |

## CONNECTOR

| | | |
|---|---|---|
| A6 | 6866VA9001B | CONNECTOR D-SUB 2990-9C UL 1161 AWG 26 |
| P001A | 366-921J | CONNECTOR, WAFER 2.5MM 10P GIL-G |
| P001B | 366-921J | CONNECTOR, WAFER 2.5MM 10P GIL-G |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| P002A | 366-921K | CONNECTOR, WAFER 2.5MM 11P GIL-G |
| P002B | 366-921K | CONNECTOR, WAFER 2.5MM 11P GIL-G |
| P005A | 366-921L | CONNECTOR, WAFER 2.5MM 12P GIL-G |
| P005B | 366-921L | CONNECTOR, WAFER 2.5MM 12P GIL-G |
| P036 | 6630V601236 | CONNECTOR, WAFER MDR-36 |
| P100A | 6630VL01380 | CONNECTOR, WAFER 2-557101-1 AMP 80P 2.54MM |
| P101 | 6630VGA001C | CONNECTOR D-SUB 68114-1521 MOLEX 15PIN 2.29MM |
| P101A | 6630VL04008 | CONNECTOR, WAFER-AMP 8P 2.5MM 0-0171825-8 |
| P102A | 366-932C | CONNECTOR, WAFER 2.5MM 4P GIL-G |
| P102B | 387-B04C | CONNECTOR ASSEMBLY 4P 2.5MM 200MM H-B UL1185AWG26 |
| P104 | 6630VGA001C | CONNECTOR D-SUB 68114-1521 15PIN 2.29MM ANGLE SN |
| P105A | 366-921J | CONNECTOR, WAFER 2.5MM 10P GIL-G |
| P106A | 366-921L | CONNECTOR, WAFER 2.5MM 12P GIL-G |
| P107A | 366-921K | CONNECTOR, WAFER 2.5MM 11P GIL-G |
| P108 | 6602T12002M | CONNECTOR, WAFER 53261-1390 13P 1.25MM R/A SMD |
| P108A | 6602T12002M | CONNECTOR, WAFER 53261-1390 13P 1.25MM R/A SMD |
| P111A | 366-932D | CONNECTOR, WAFER 2.5MM 5P GIL-G |
| P600 | 6602T11001A | CONNECTOR, WAFER FI-TWE21P-VF JAE 21P 1.25MM S/T |
| P741 | 6630VGA004B | CONNECTOR D-SUB 69107-0921 MOLEX 9P 2.77MM |
| P800 | 6602V25009L | CONNECTOR, WAFER 2.5MM 12P 1-171825-2 AMP MN-42PZ10 |
| P801 | 6602V25009F | CONNECTOR, WAFER 2.5MM 7P 0-171825-7 AMP |
| P802 | 366-932B | CONNECTOR, WAFER 2.5MM 3P GIL-G |
| P803 | 366-932B | CONNECTOR, WAFER 2.5MM 3P GIL-G LG |

## JACK

| | | |
|---|---|---|
| JP1 | 6612VLH002A | JACK, SP026B PARK ELEC 4P RD/BK/BK/RD |
| P101 | 6612JH003CA | JACK, PPJ137A PARK ELEC. AUDIO L-MONO |
| P102 | 380-068D | JACK, UEJ-CV-003 UGCOM E/P WITH S/W |
| P102 | 6612J00010A | JACK, PPJ128A-1 PARKELEC A/V 2P |
| P103 | 380-363K | JACK, PJ6046G PARKELEC H=8.0 |
| P103 | 6612BBBHN6A | JACK, 440062-1 AMP DVI INTERACED RIGHT ANGLE |
| P104 | 6612VMV002A | JACK, UCT-EX-020 UGCOM BNC MONO |
| P105 | 6612JH003CA | JACK, PPJ137A PARK ELEC. AUDIO L-MONO |
| P106 | 380-068E | JACK, UEJ-CV-018 UGCOM D3.5 E/P |

## RESISTOR

| | | |
|---|---|---|
| A692 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR260 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR261 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR262 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR263 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR264 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR265 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR266 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR267 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR268 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR269 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR270 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR271 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR330 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR332 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR333 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |

| For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows; | CC, CX, CK, CN : Ceramic<br>CQ : Polyestor<br>CE : Electrolytic | RD : Carbon Film<br>RS : Metal Oxide Film<br>RN : Metal Film<br>RF : Fusible |
|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| AR334 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR335 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR336 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR337 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR338 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR339 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR340 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR341 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR342 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR400 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR401 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR402 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR403 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR404 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR405 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR406 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR407 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR460 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR461 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR462 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR463 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR465 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR466 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR467 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR468 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR469 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR470 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR471 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR472 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR473 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR474 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR475 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR512 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR513 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR514 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR515 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR550 | 0RRZVTA001C | 4.7K OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR551 | 0RRZVTA001C | 4.7K OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR552 | 0RRZVTA001C | 4.7K OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR553 | 0RRZVTA001C | 4.7K OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR589 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR590 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR691 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR693 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR694 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR695 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| AR696 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC330 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC332 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC333 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC334 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC335 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| IC336 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC337 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC338 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC339 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC340 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC341 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| IC342 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| R020 | 0RS2701K607 | 2.7K OHM 2 W 5.00% TA62 |
| R021 | 0RS2701K607 | 2.7K OHM 2 W 5.00% TA62 |
| R030 | 0RS0221H609 | 2.2 OHM 1/2 W 5.00% TA52 |
| R032 | 0RS0221H609 | 2.2 OHM 1/2 W 5.00% TA52 |
| R1111 | 0RD0152H609 | 15 OHM 1/2 W 5.00% TA52 |
| R589 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| R590 | 0RRZVTA001D | 22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES HN-61A40R |
| R655 | 0RD4700H609 | 470 OHM 1/2 W 5.00% TA52 |
| R656 | 0RD4700H609 | 470 OHM 1/2 W 5.00% TA52 |

## FILTER & CRYSTAL

| | | |
|---|---|---|
| F601 | 6200VJS001A | FILTER, ZJY51R5-4P TDK DIP DC 50VOLT 2A |
| F602 | 6200VJS001A | FILTER, ZJY51R5-4P TDK DIP DC 50VOLT 2A |
| L001 | 6200JB8010L | FILTER, MLB-201209-1000L-N2 R/TP 1000OHM 350MA |
| L001 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L002 | 6200JB8010L | FILTER, MLB-201209-1000L-N2R/TP 1000OHM 350MA |
| L002 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L003 | 6200JB8010L | FILTER, MLB-201209-1000L-N2 R/TP 1000OHM 350MA |
| L003 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L004 | 6200JB8010L | FILTER, MAG LAYERS R/TP 1000OHM 350MA |
| L004 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L005 | 6200JB8010L | FILTER, MLB-201209-1000L-N2 R/TP 1000OHM 350MA |
| L006 | 6200JB8010L | FILTER, MLB-201209-1000L-N2 R/TP 1000OHM 350MA |
| L007 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L008 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L009 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L010 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L270 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L271 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L272 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L273 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L274 | 6210VC0005A | FILTER, BK2125 HS 750 2X1.25X0.85MM R/TP |
| L275 | 6210VC0005A | FILTER, BK2125 HS 750 2X1.25X0.85MM R/TP |
| L276 | 6210VC0005A | FILTER, BK2125 HS 750 2X1.25X0.85MM R/TP |
| L872 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L873 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L874 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L875 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L876 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L877 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L878 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L879 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L881 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L882 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L883 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| L884 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L887 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L888 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L889 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L890 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L891 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L892 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L900 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L901 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L902 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L903 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L904 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L905 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L906 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L907 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L908 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L909 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L910 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L911 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L912 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L913 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L914 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L915 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L916 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L917 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L918 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L919 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L920 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L921 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L922 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| L923 | 6210VC0006A | FILTER, FBMH3216 HM501NT 3.2X1.6X1.6MM R/TP |
| LA101 | 150-F09A | FILTER, SQE2222 7-14MH 0.37PHY 48TURN TDA2616 |
| X401 | 6202VDT002E | RESONATOR, 20250000HZ 30PPM 16PF TP |
| X402 | 6202VDT002J | RESONATOR,13.500000MHZ +/- 50 PPM 14PF |
| X470 | 6202VDT002E | RESONATOR,RADIAL 20250000HZ 30PPM 16PF |
| X501 | 6202VDT002J | RESONATOR,13.500000MHZ +/- 50 PPM 14PF |
| X601 | 156-A02M | RESONATOR,18.432MHZ 30PPM 10PF BK |
| X720 | 6212AB2015C | RESONATOR,25MHZ +/- 50 PPM 20PF T/R |
| **SWITCH** | | |
| SW001 | 140-315A | SWITCH, TACT SKHV17910B LG C&D NON 12V |
| SW002 | 140-315A | SWITCH, TACT SKHV17910B LG C&D NON 12V |
| SW003 | 140-315A | SWITCH, TACT SKHV17910B LG C&D NON 12V |
| SW004 | 140-315A | SWITCH, TACT SKHV17910B LG C&D NON 12V |
| SW005 | 140-315A | SWITCH, TACT SKHV17910B LG C&D NON 12V |
| SW006 | 140-315A | SWITCH, TACT SKHV17910B LG C&D NON 12V |
| SW102 | 140-275A | SWITCH, PUSH 30V 0.3A HORIZONTAL 500G |
| SW800 | 6600VM2006A | SWITCH, 250V 4A HORIZONTAL .G |
| **ACCESSORIES** | | |
| A1 | 3828VA0388A | MANUAL,OWNERS RF03FA 42PZ44/46/45V/47V LG EN |
| A1 | 3828VA0388F | MANUAL,OWNERS LGEFS/ES/PT RF03FA |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| A1 | 3828VA0388A | MANUAL,OWNERS RF03FA EN 100A TX 026H |
| A1 | 3828VA0388B | MANUAL,OWNERS RF03FA LG CH 100A TX S LOCAL |
| A1 | 3828VA0388C | MANUAL,OWNERS RF03FA AR/EN 100A TX 026H |
| A1 | 3828VA0388D | MANUAL,OWNERS RF03FA RU/EN 100A TX 026H 7YRS |
| A1 | 3828VA0388E | MANUAL,OWNERS RF03FA LG BN/LGEUK |
| A1 | 3828VA0388F | MANUAL,OWNERS RF03FA EN/SP/PO/IT/NE |
| A1 | 3828VA0438A | MANUAL,OWNERS RF03FA LG EN 100A TX 026H |
| A2 | 6710V00100A | REMOTE CONTROLLER RF02LA STEREO |
| A3 | 6410VBH003C | POWER CORD,MP5004(13A)+V1625 VOLEX BS LGEUK |
| A3 | 6410VCH001C | POWER CORD,V3203CA+V1625 VOLEXCLEE 280MM |
| A3 | 6410VEH003C | POWER CORD , 2800MM HOUSING LGEFS/HS/ES |
| A4 | 6850J00002A | CABLE,DVI DVI-D TO DVI-D UL20276 3000MM |
| **MISCELLANEOUS** | | |
| P001 | 6726VH0001A | REMOTE CONTROLLER RECEIVER, 38KHZ . |
| X830 | 6204B47985D | OSCILLATOR,12MHZ +/-100PPM 3.3V T/R 15PF, |

# REPLACEMENT PARTS LIST (TUNER)

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| **IC** | | |
| IC001 | 0ISM555000A | SDA5550 MQFP100 BK |
| IC002 | 0IZZVA0079B | M27W201 DIP 32P ST |
| IC003 | 0ISS610082A | K6X1008T2D-TF70 REVISION 32-TSOP |
| IC004 | 0IAL241610B | AT24C16A-10PI-2.7 8PIN DIP |
| IC005 | 0IKE702700D | KIA7027AF 3, SOT-89 TP RESET IC 2.7V |
| IC006 | 0ISJ111725A | EZ1117ACST-2.5 3P SOT ST |
| IC008 | 0ISJ111733A | EZ1117CST-3.3 3P,SOT-223 TP 3.3V |
| IC101 | 0IMCRFA015A | KA7805R FAIRCHILD 2P D-PAK |
| IC201 | 0IPH860100B | TDA8601T 16P-SOP BK |
| IC401 | 0ISO208900A | CXA2089Q 48QFP BK A/V SWITCH |
| IC402 | 0IMCRFA010A | KA7809R, FAIRCHILD 2P D-PAK |
| IC501 | 0IMI623200B | M62320FP,I/O EXPANDER 16P SOP |
| IC601 | 0IMCRMN011D | MSP3410G QA B8 V3 MICRONAS 80P |
| IC602 | 0IKE704200J | KIA7042AF SOT-89 TP 4.2V |
| IC603 | 0IMCRFA009A | KA78M08RTM, FAIRCHILD 2P D-PAK |
| IC604 | 0IMCRFA015A | KA7805R FAIRCHILD 2P D-PAK |
| IC702 | 0IMCRFA009A | KA78M08RTM, FAIRCHILD 2P D-PAK |
| IC702 | 0IMCRFA015A | KA7805R FAIRCHILD 2P D-PAK |
| IC704 | 0IMCRFA015A | KA7805R FAIRCHILD 2P D-PAK |
| IC706 | 0IMCRTI003A | SN74HCT08D TEXAS INSTRUMENT 16P |
| IC801 | 0IMCRSG003A | L4973D5.1 SGS-THOMSON 20P SOP |
| IC802 | 0IMCRSG003A | L4973D5.1 SGS-THOMSON 20P SOP |
| **TRANSISTOR** | | |
| IC803 | 0TR830009BA | BSS83 TP N-CHANNEL S/W TR |
| Q003 | 0TR830009BA | BSS83 TP N-CHANNEL S/W TR |
| Q004 | 0TR830009BA | BSS83 TP N-CHANNEL S/W TR |
| Q005 | 0TR830009BA | BSS83 TP N-CHANNEL S/W TR |
| Q006 | 0TR830009BA | BSS83 TP N-CHANNEL S/W TR |
| Q007 | 0TR830009BA | BSS83 TP N-CHANNEL S/W TR |
| Q008 | 0TR830009BA | BSS83 TP N-CHANNEL S/W TR |
| Q101 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q102 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q103 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q104 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q111 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q112 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q230 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q231 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q232 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q233 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q401 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q402 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q403 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q404 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q405 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q406 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q406 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q407 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q408 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q409 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q410 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q411 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q601 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q602 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q603 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q604 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q605 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| **DIODE** | | |
| D001 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D002 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D003 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D004 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D005 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D006 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D010 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D011 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D012 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D013 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D101 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D102 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D103 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D401 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D402 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D403 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D404 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D406 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D407 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D408 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D409 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D410 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D411 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D412 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D413 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D414 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D415 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D450 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D451 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D501 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D502 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D513 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D514 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D601 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D602 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D706 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D707 | 0DD226239AA | CHIP KDS226 SOT-23 |
| D708 | 0DD184009AA | KDS184S CHIP 85V 300MA KEC TP |
| D709 | 0DD184009AA | KDS184S CHIP 85V 300MA KEC TP |
| D801 | 0DR190309AA | MBRS190T3 TP 90V 1A 50A 10NSEC 1MA |
| D803 | 0DR190309AA | MBRS190T3 TP 90V 1A 50A 10NSEC 1MA |
| D804 | 0DD226239AA | CHIP KDS226 SOT-23 |
| ZD101 | 0DZ330009DF | MTZJ33B TP DO34 0.5W 33V 5UA |

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

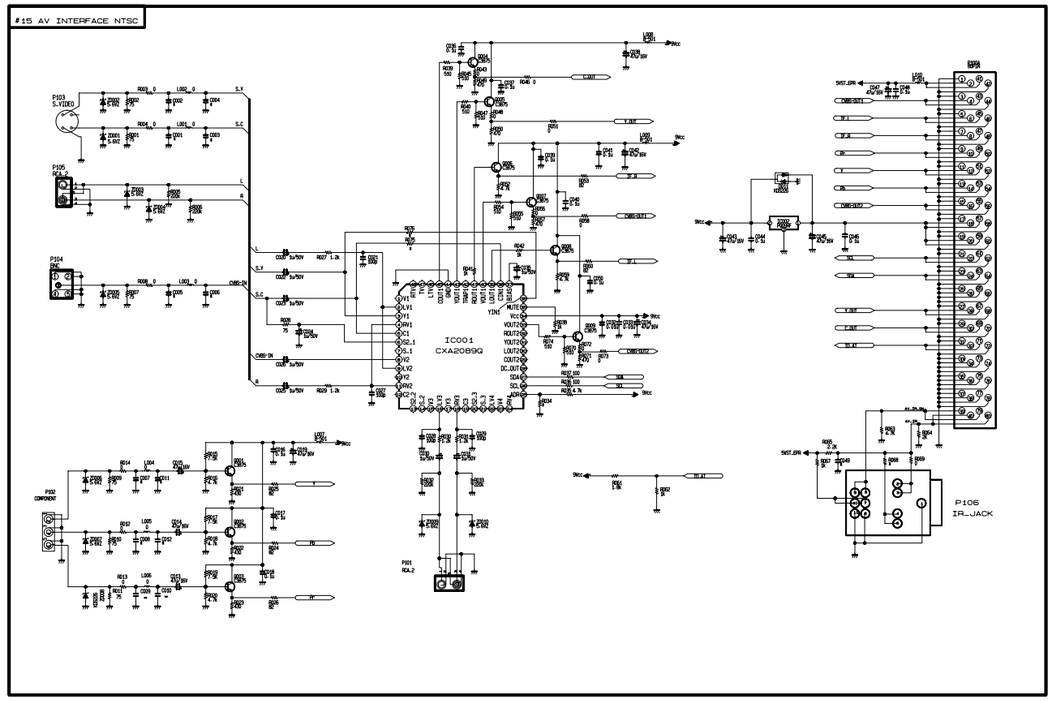
CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

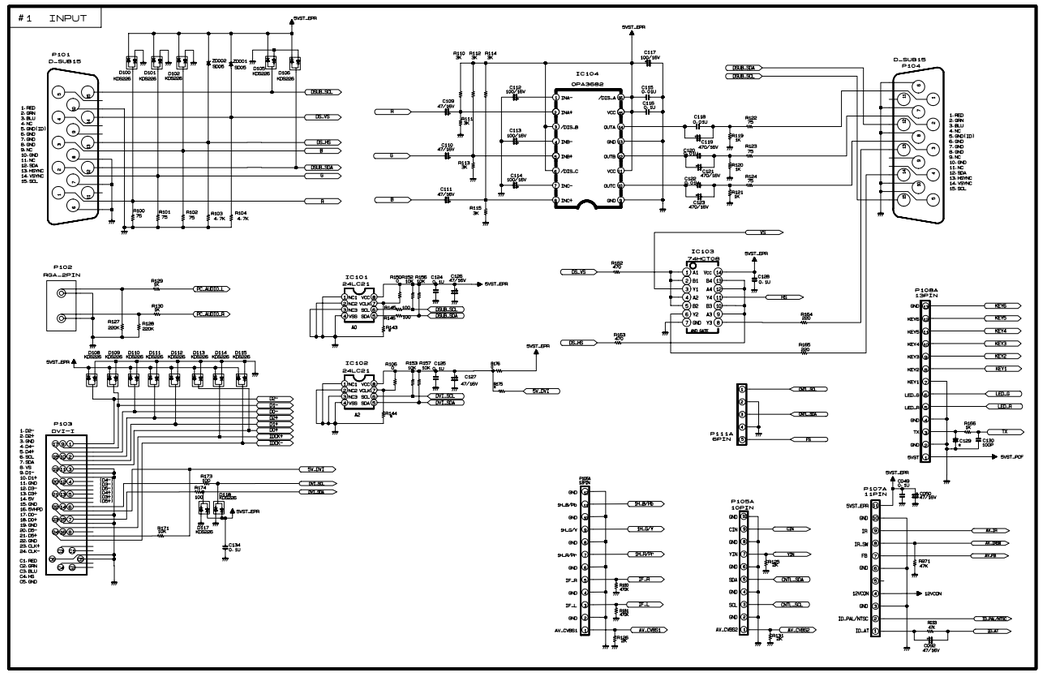
RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

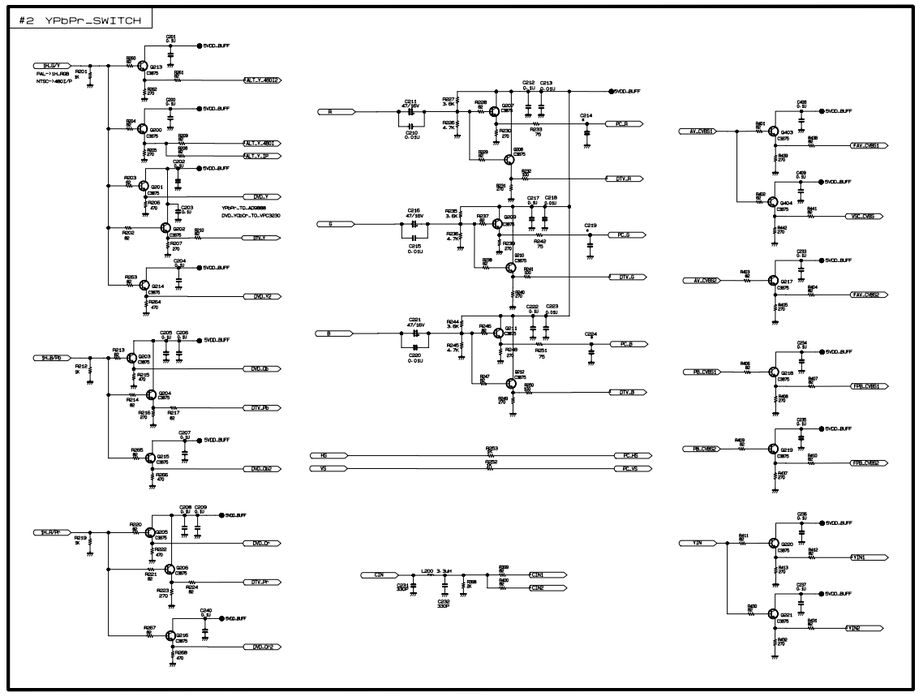
| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| **CAPACITOR** | | |
| C001 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C002 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C006 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C007 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C009 | 0CE105BK618 | 1UF KME 50V M FL TP5 |
| C014 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C021 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C025 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C027 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C030 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C033 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C101 | 0CE4756F618 | 4.7UF SMS,SG 16V 20% FL TP 5 |
| C103 | 0CE227DF618 | 220UF STD 16V M FL TP5 |
| C105 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C106 | 0CE106DK618 | 10UF STD 50V M FL TP5 |
| C107 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C109 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C312 | 0CN105EJ56A | 1.0UF 3216 35V 10% R/TP X7R |
| C313 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C401 | 0CE477DF618 | 470UF STD 16V 20% FL TP 5 |
| C402 | 0CE106DK618 | 10UF STD 50V M FL TP5 |
| C408 | 0CE477DF618 | 470UF STD 16V 20% FL TP 5 |
| C412 | 0CE475DK618 | 4.7UF STD 50V 20% FL TP 5 |
| C415 | 0CE475DK618 | 4.7UF STD 50V 20% FL TP 5 |
| C416 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C417 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C418 | 0CE477DF618 | 470UF STD 16V 20% FL TP 5 |
| C427 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C428 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C446 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C450 | 0CE227DF618 | 220UF STD 16V M FL TP5 |
| C452 | 0CE227DF618 | 220UF STD 16V M FL TP5 |
| C453 | 0CE475DK618 | 4.7UF STD 50V 20% FL TP 5 |
| C456 | 0CE227DF618 | 220UF STD 16V M FL TP5 |
| C501 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C532 | 0CE227DF618 | 220UF STD 16V M FL TP5 |
| C533 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C602 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C603 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C605 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C611 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C612 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C619 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C621 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C623 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C630 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C634 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C639 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C710 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C712 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C714 | 0CE106DK618 | 10UF STD 50V M FL TP5 |
| C758 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C759 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C801 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C804 | 0CE477DF618 | 470UF STD 16V 20% FL TP 5 |
| C805 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C805 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C806 | 0CE477DF618 | 470UF STD 16V 20% FL TP 5 |
| C808 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C813 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C816 | 0CE477DF618 | 470UF STD 16V 20% FL TP 5 |
| C817 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C821 | 0CE477DF618 | 470UF STD 16V 20% FL TP 5 |
| C824 | 0CE477DF618 | 470UF STD 16V 20% FL TP 5 |
| C828 | 0CE477DF618 | 470UF STD 16V 20% FL TP 5 |
| C831 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C834 | 0CK224DF56A | 220000PF 2012 16V 10% R/TP X7R |
| C835 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| **COIL & INDUCTOR** | | |
| L801 | 6140VR0001C | COIL,SB1260-470 GET 47UH |
| L802 | 6140VR0001C | COIL,SB1260-470 GET 47UH |
| L803 | 6140VR0001C | COIL,SB1260-470 GET 47UH |
| T801 | 6170VMCA57A | TRANSFORMER,EPC1716 650UH +-15% |
| **FILTER & CRYSTAL** | | |
| L001 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L010 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L101 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L102 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L201 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L205 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L405 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L501 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L503 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L505 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L601 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L602 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L603 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L604 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L701 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L706 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L708 | 6210VC0006A | FBMH3216 HM501NT 3.2X1.6X1.6MM |
| L901 | 6200JB8010U | OR 14*7*7.5H SMC BK 6.0MH-11.0MH |
| X001 | 156-A01L | RESONATOR,HC49U 6.000MHZ 30PPM |
| X601 | 6202VDT002H | RESONATOR,SX-1 18.432000MHZ +/-30 PPM |
| **JACK** | | |
| P002 | 6612VAH001A | HEC3900-010110 DC (7) BK LN-15A1 |
| P003 | 380-068E | UEJ-CV-018 UGCOM D3.5 E/P JACK |
| P104 | 6612J00010B | PPJ128A-2 A/V 3P WITH S/W RD-WH-YL |
| P105 | 6612J00010B | PPJ128A-2 A/V 3P WITH S/W RD-WH-YL |

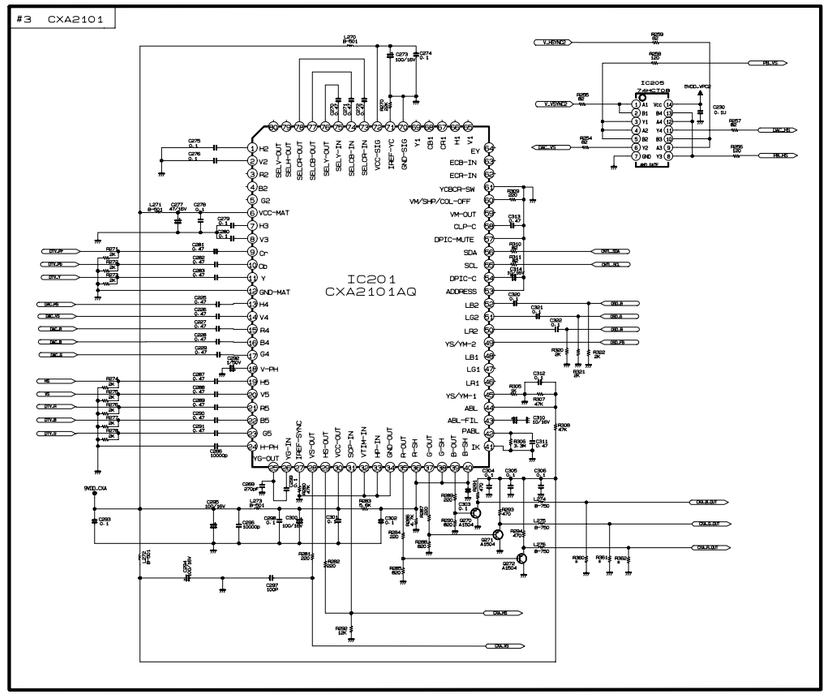
| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| P104 | 6612M00001A | UPJ-R1-023 21PIN W/SHLD |
| P105 | 6612M00001A | UPJ-R1-023 21PIN W/SHLD |
| **ACCESSORIES** | | |
| A7 | 3828VA0397E | MANUAL,OWNERS RF03FA RT-BA50 100A TX |
| A8 | 6850F00001A | CABLE,D-SUB MDR-36 UL20276 210MM |
| **MISCELLANEOUS** | | |
| TU101 | 6700MF0003A | TUNER, TAFH-Z342D LG MULTI FS LT-15A15 |
| TU101 | 6700PF0002A | TUNER, TAFH-S312D LG PAL FS 4SYS |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|

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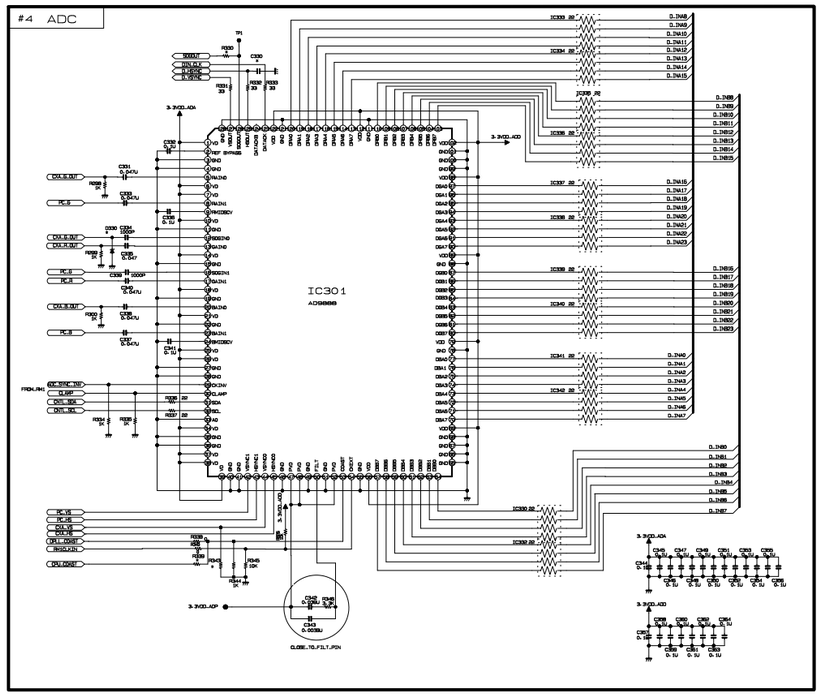
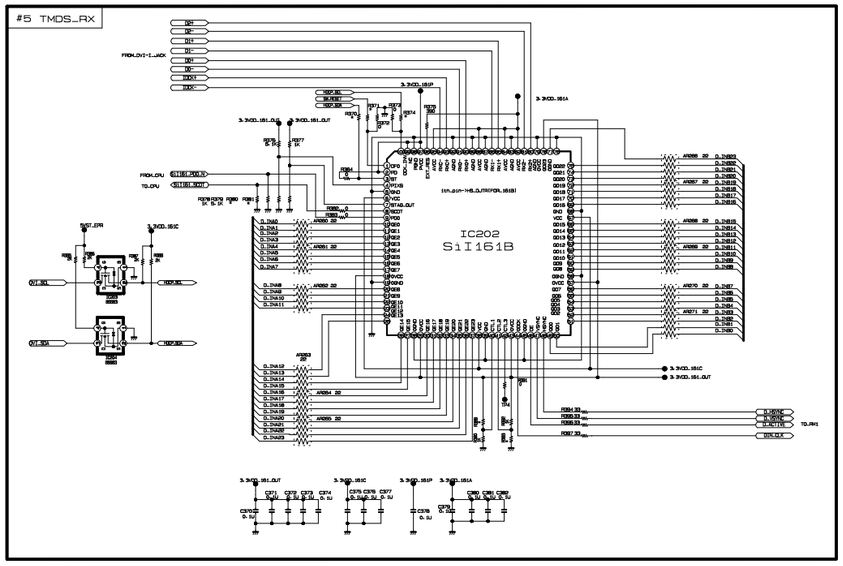
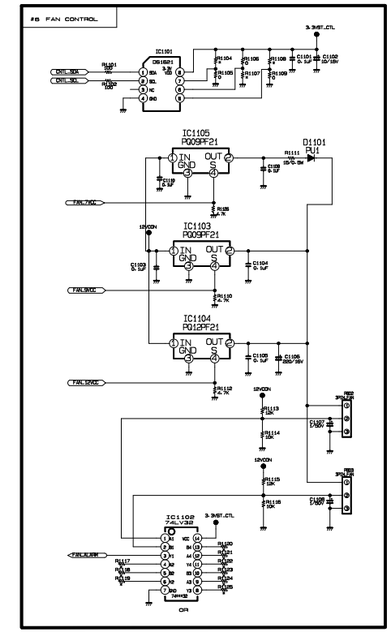
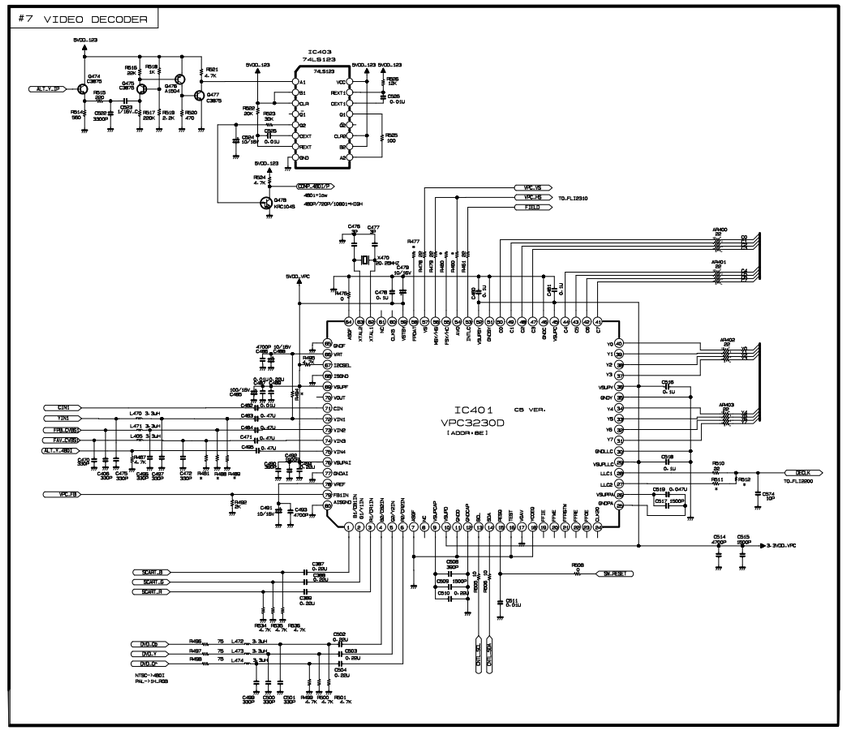
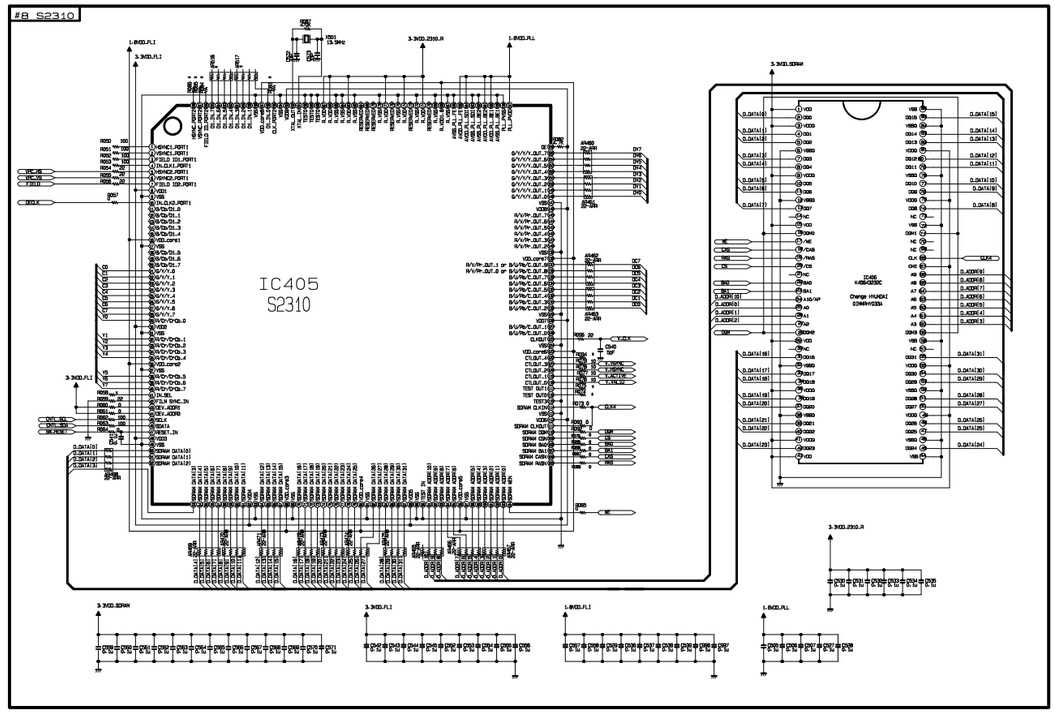
2003.6.21

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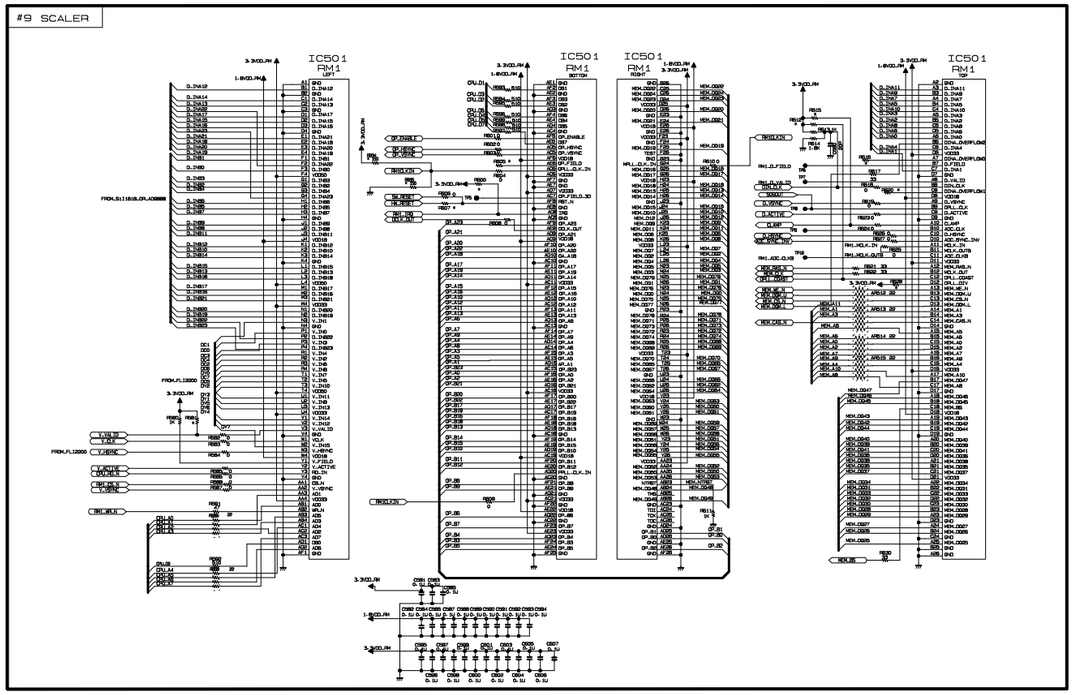
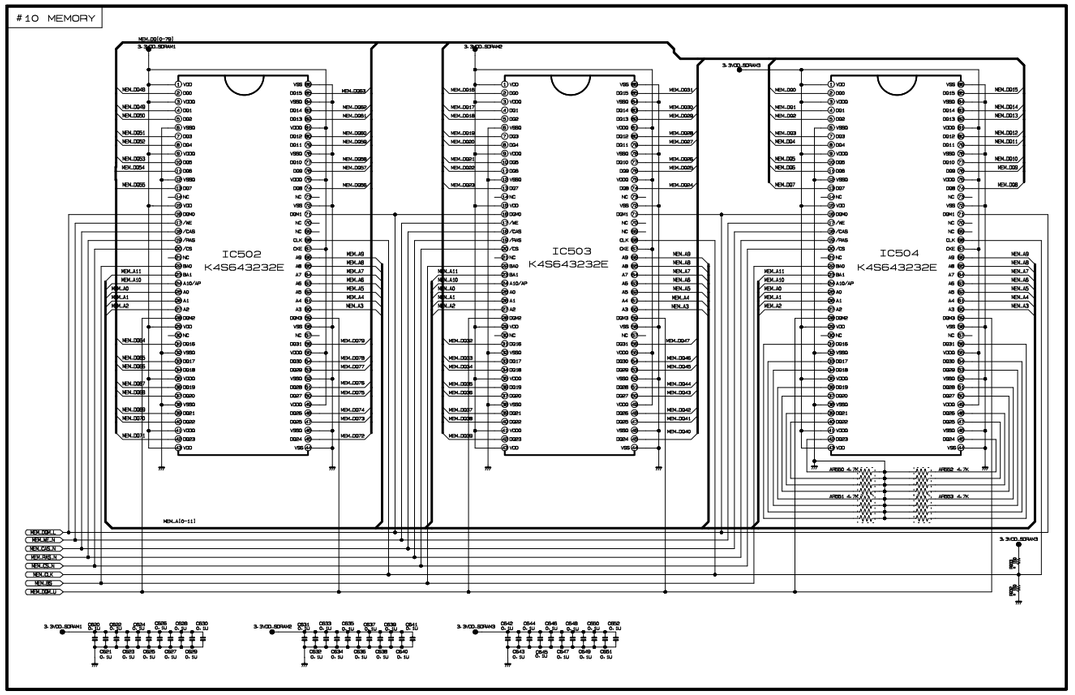
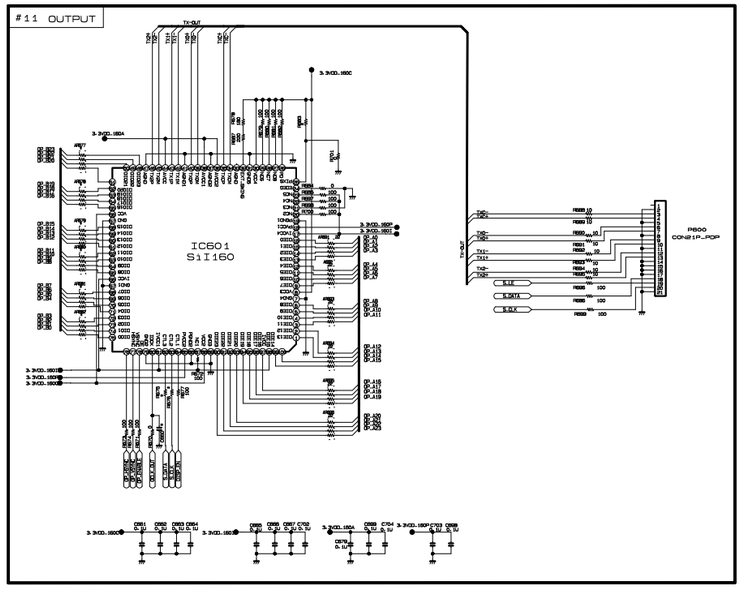
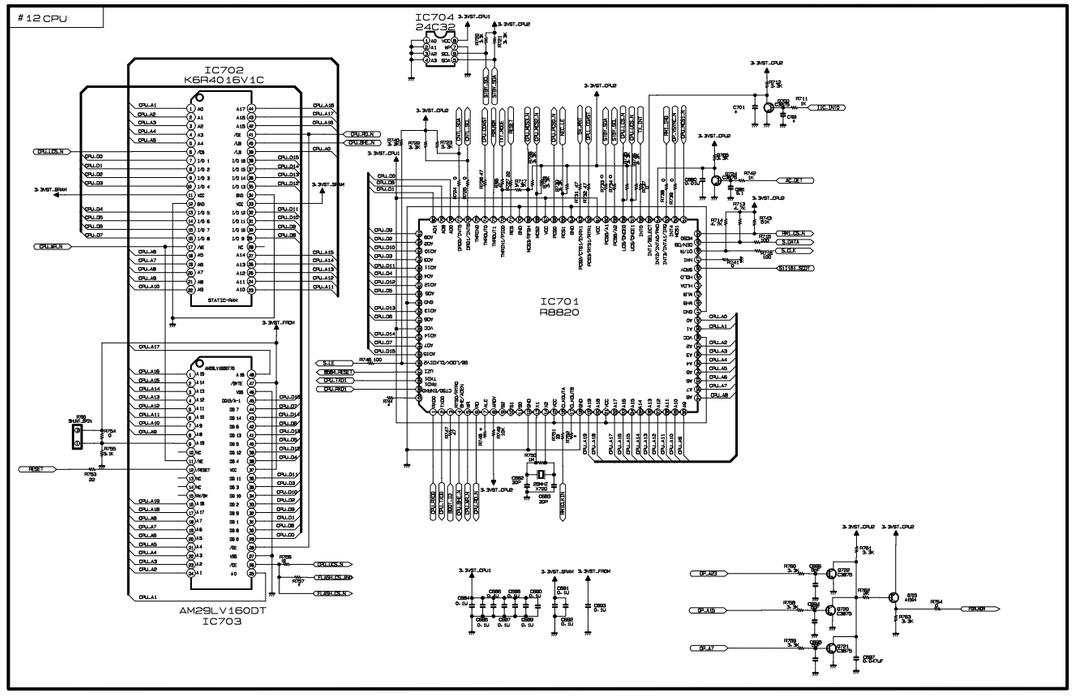
2003.6.21



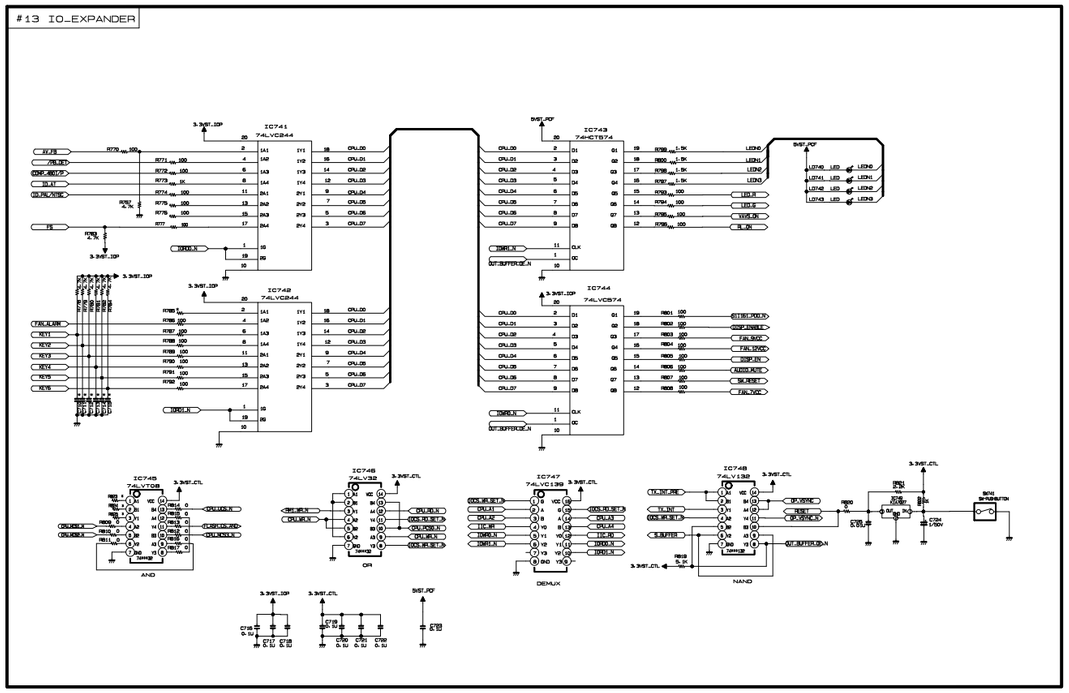




P/No : 3854VA0133A-S2(1/2)
2003.6.21

#13 IO_EXPANDER



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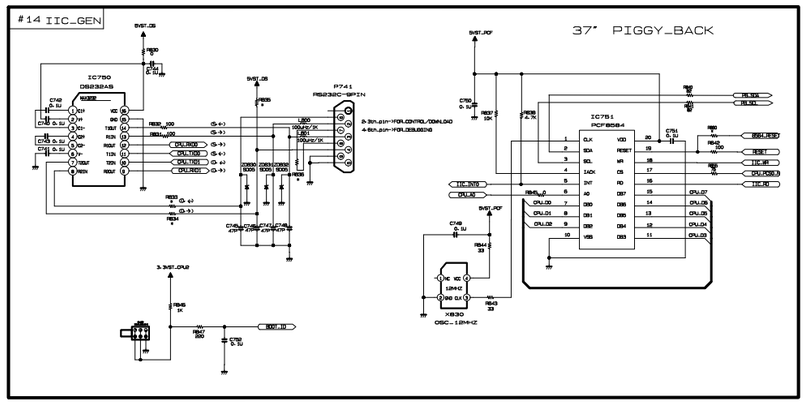


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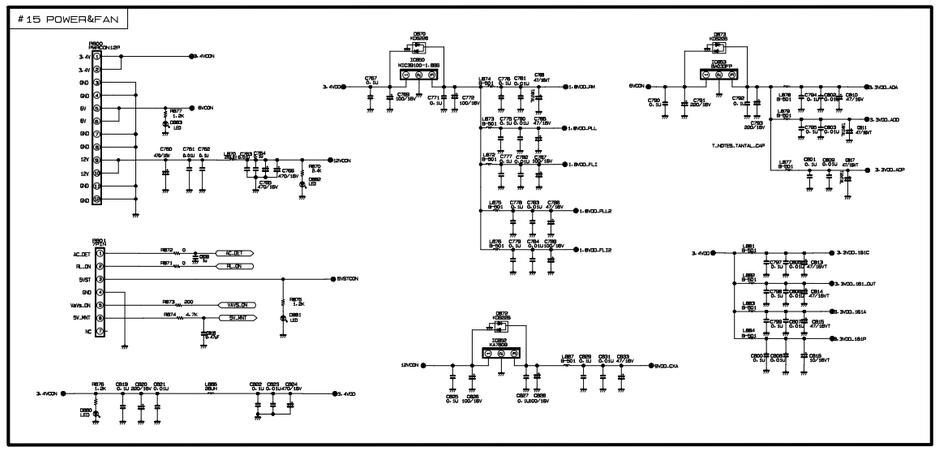

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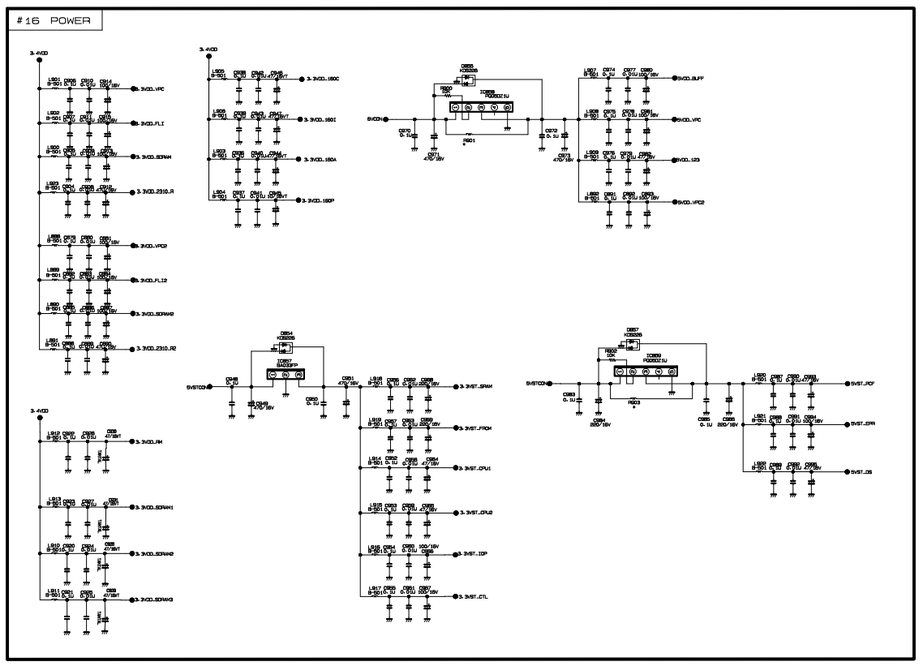

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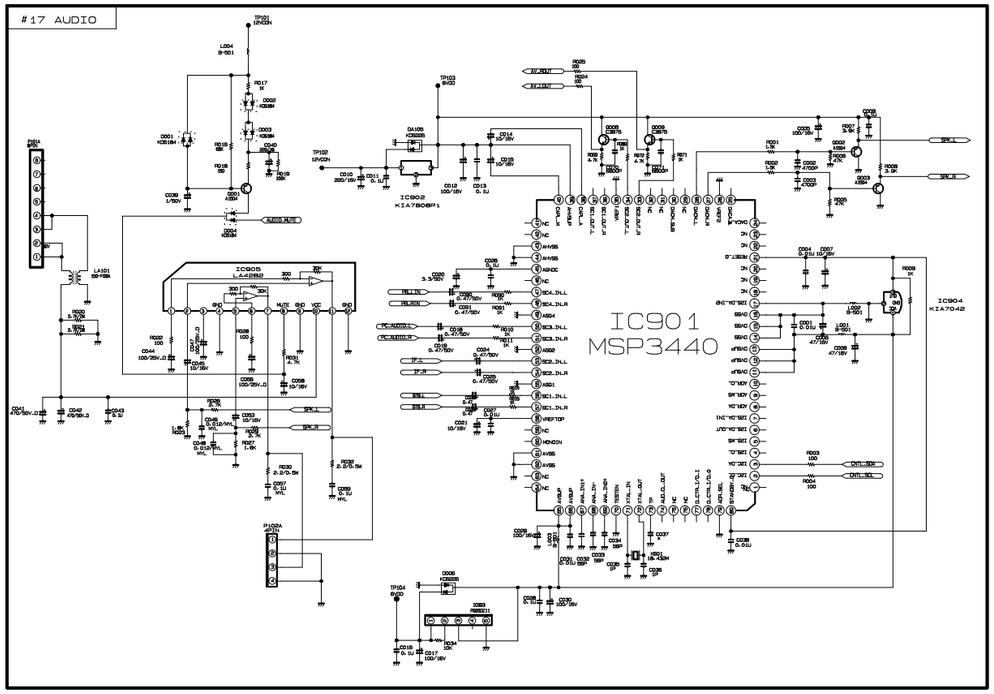


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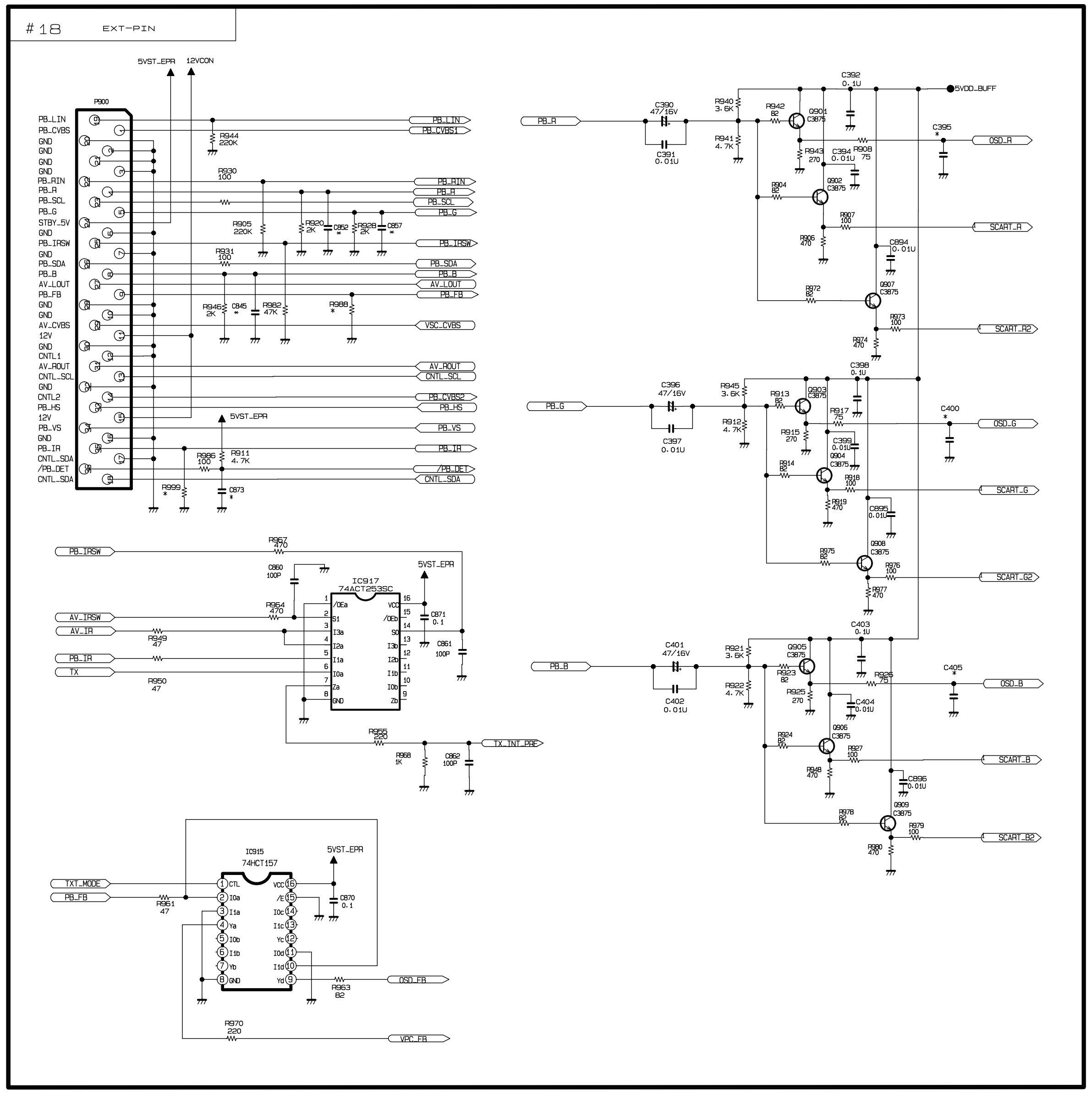
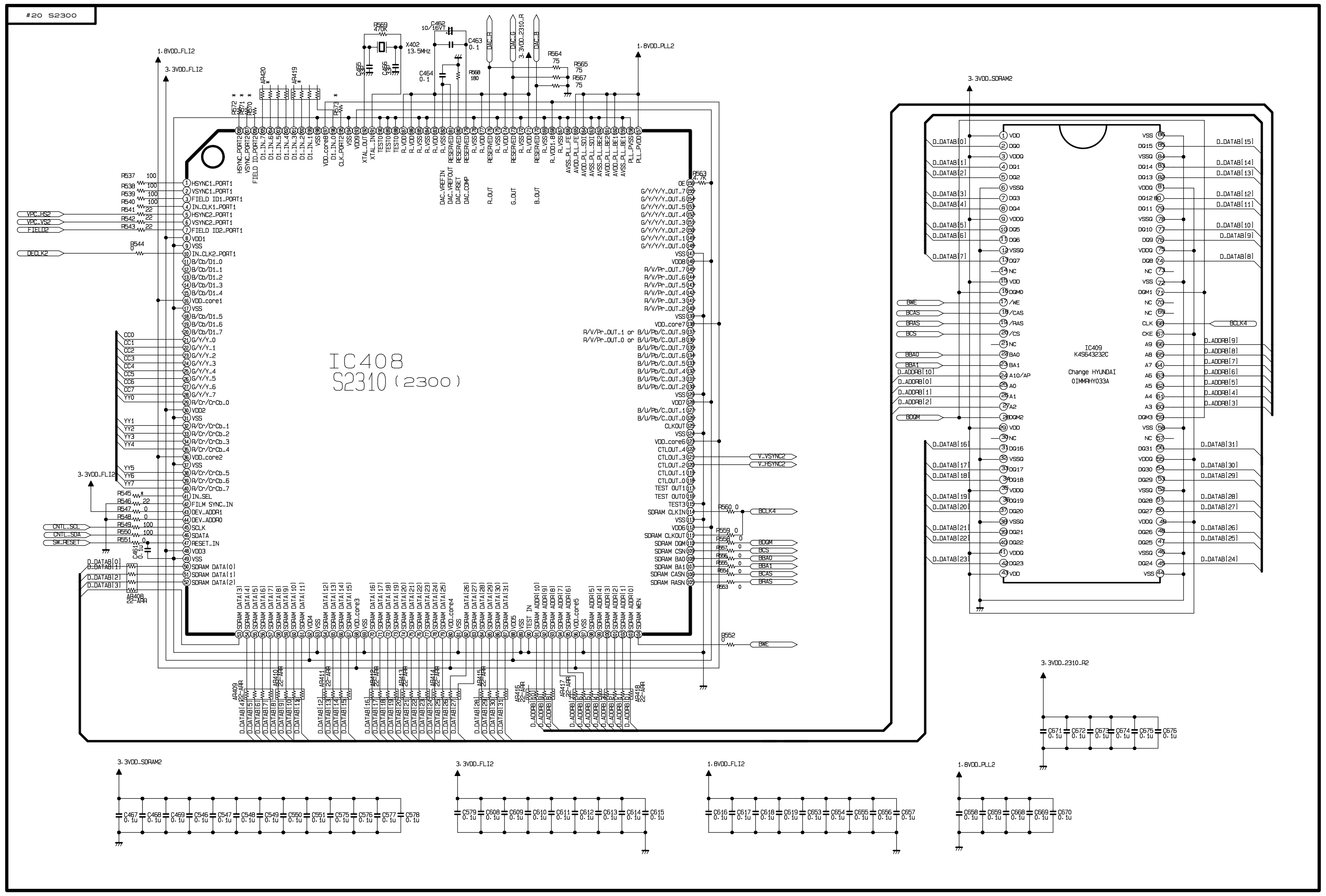
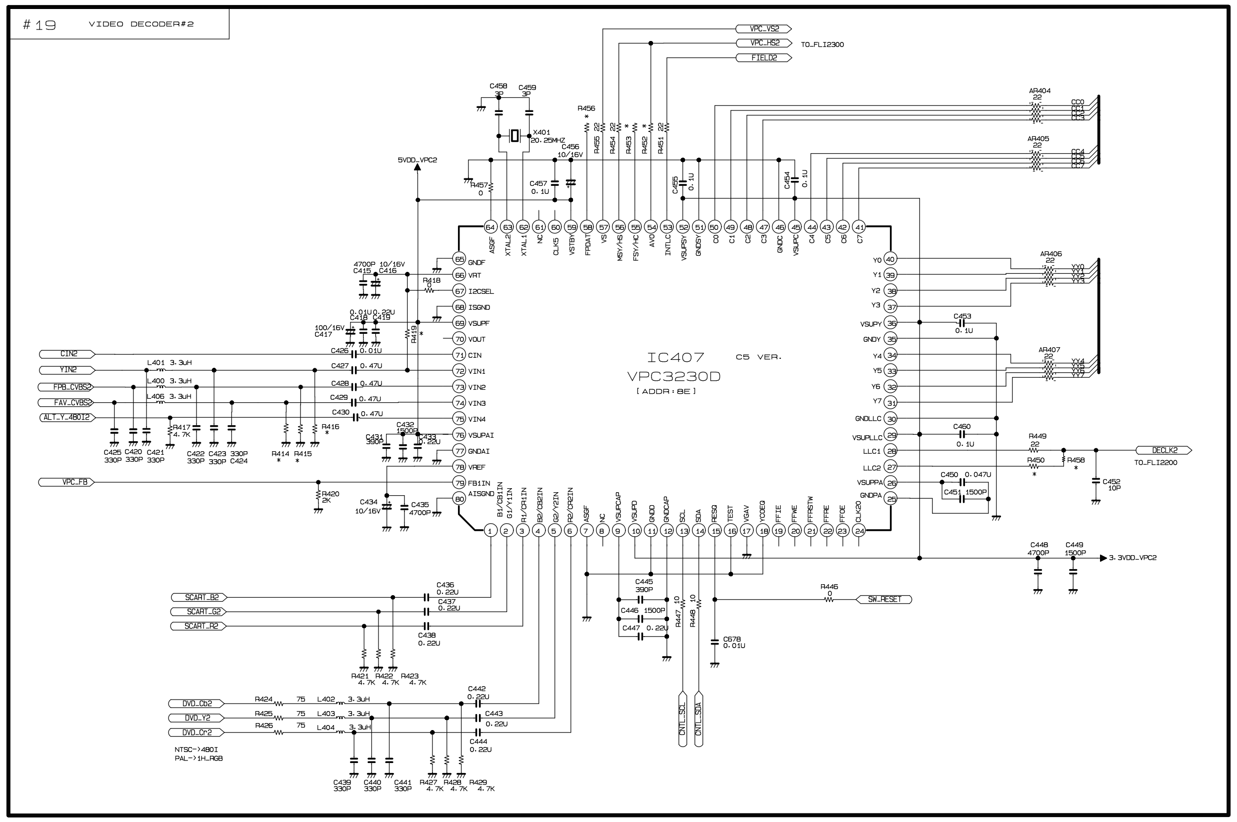
2003.6.21

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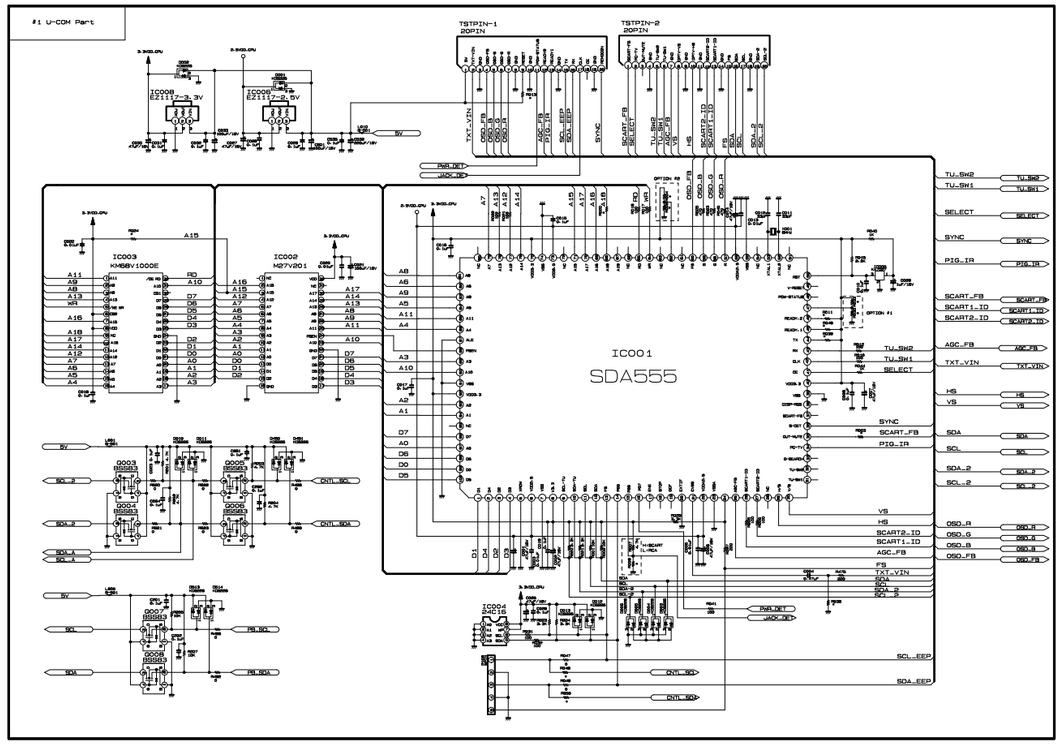
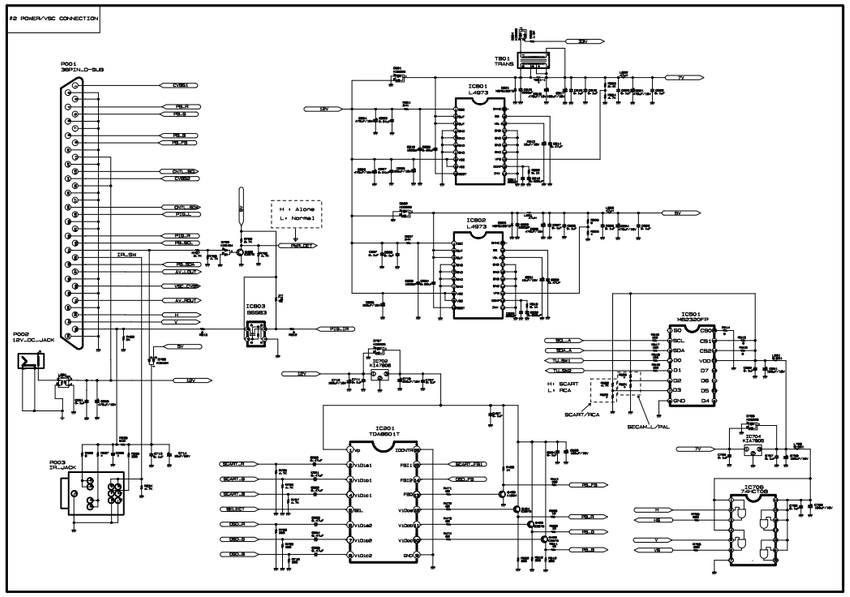
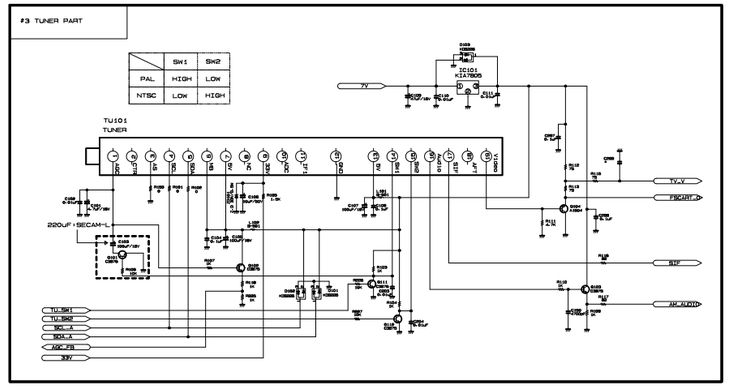
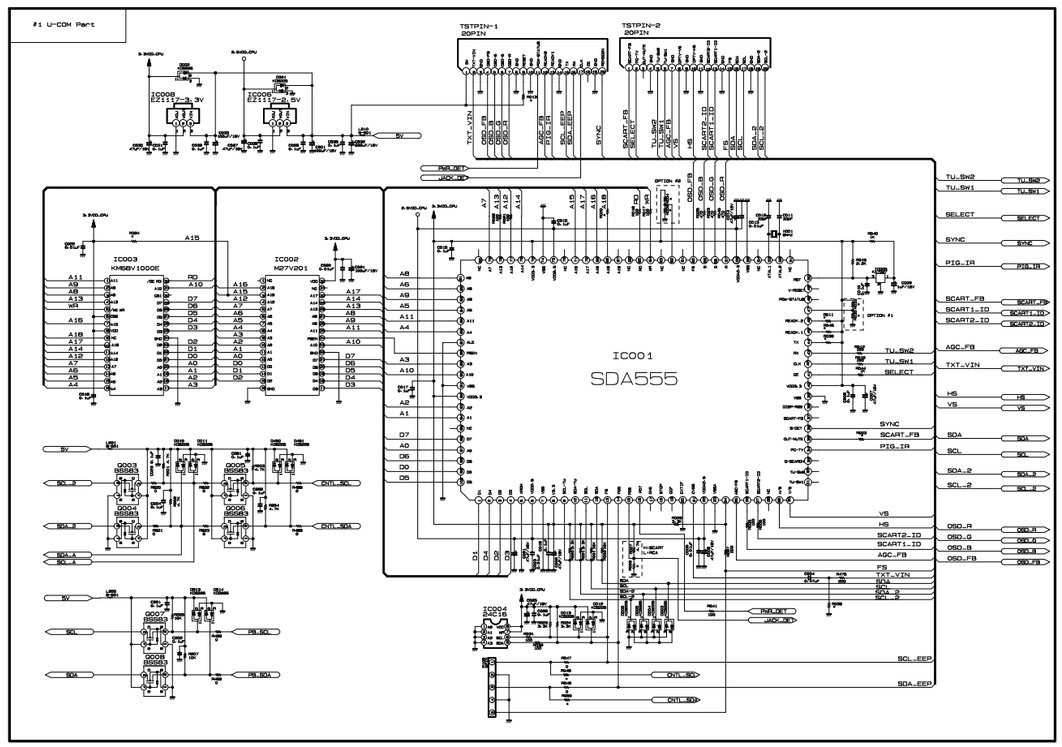
2003.6.21

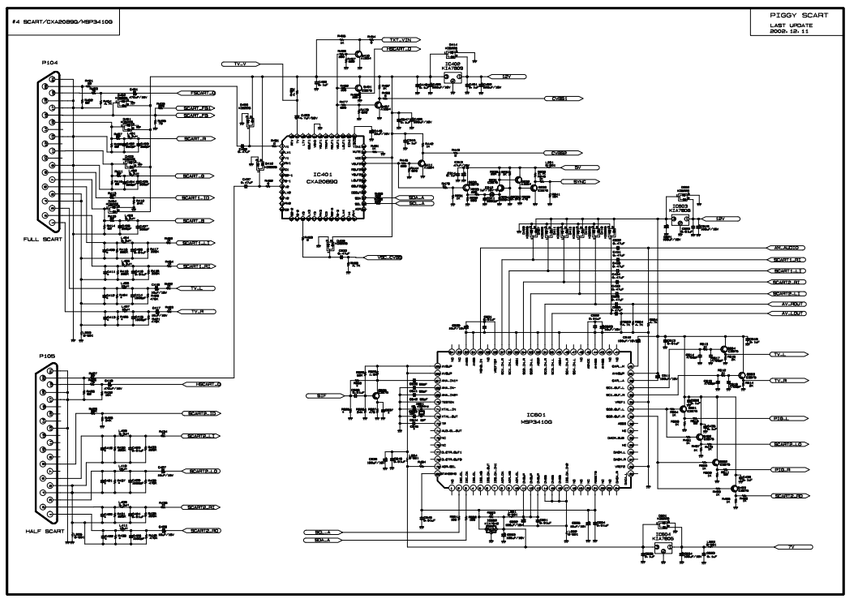
## ■ TUNER ( RZ-BA50)

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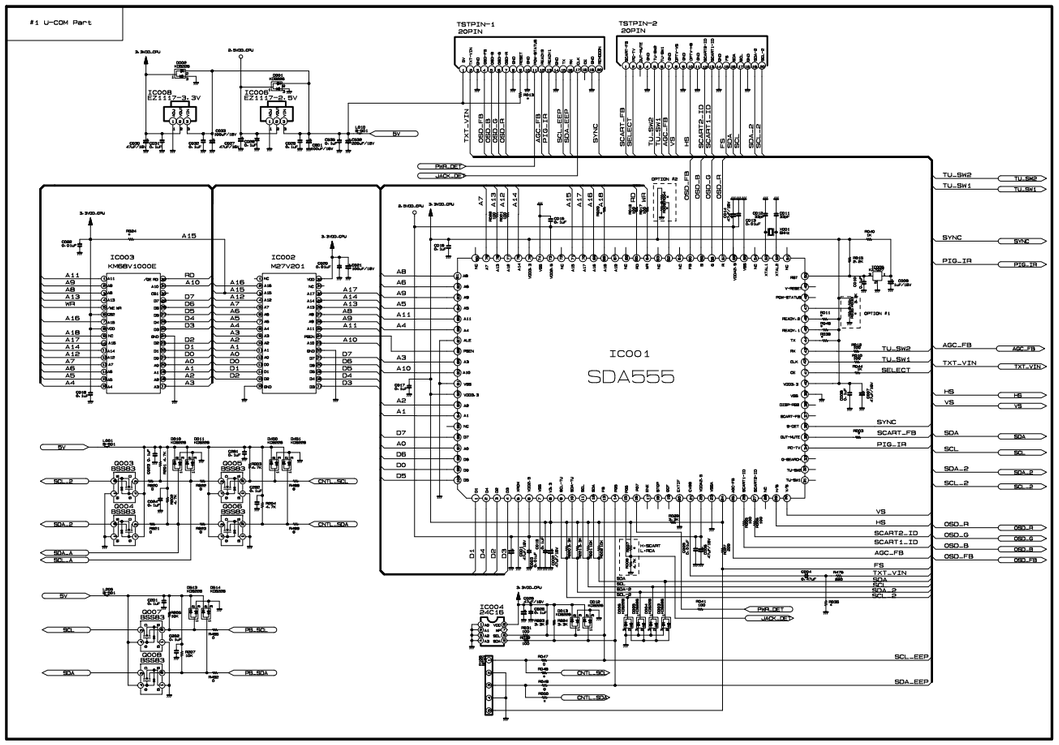


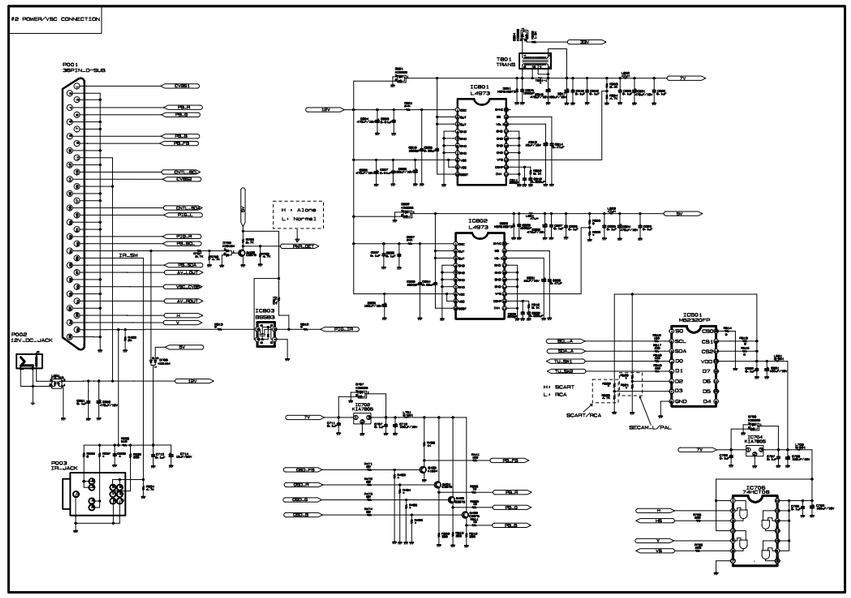


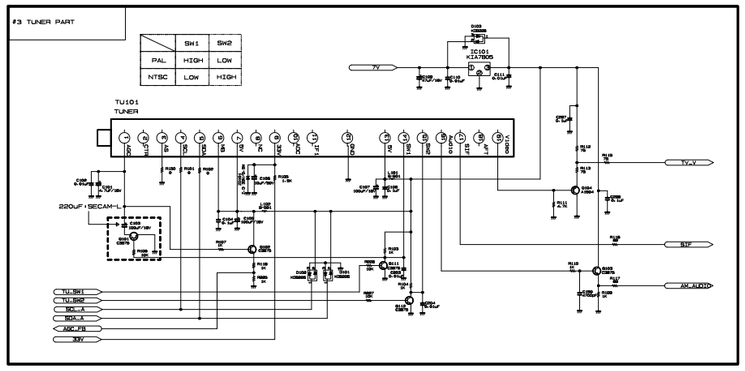


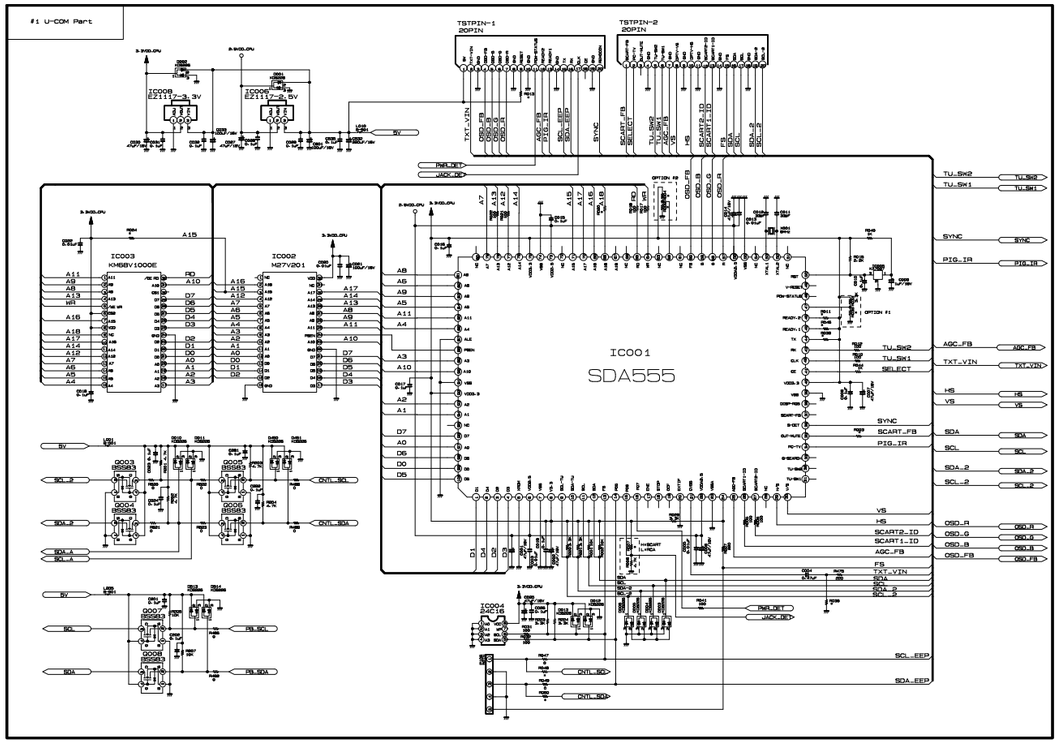


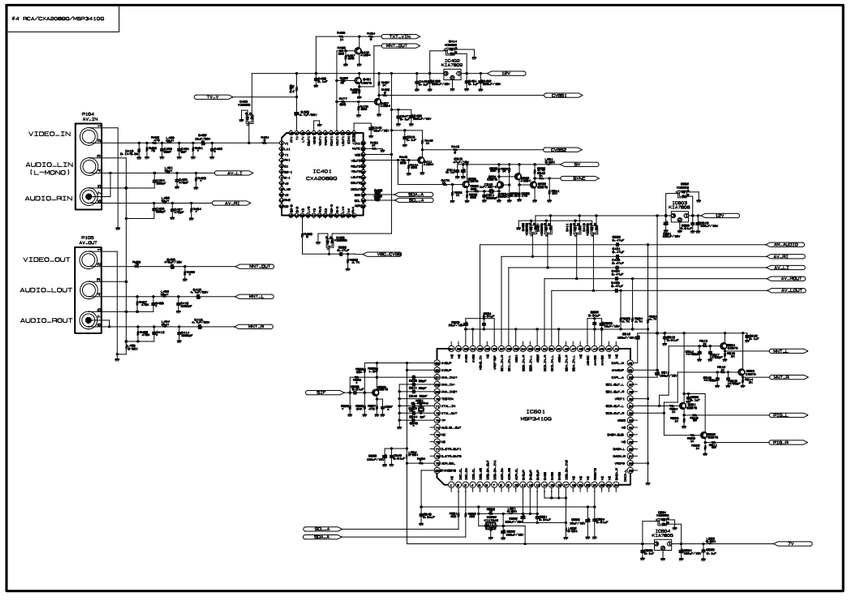


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**SVC. SHEET : 3854VA0133A-S1**
**SVC. SHEET : 3854VA0133A-S2**
**SVC. SHEET : 3854VA0133A-S3**
**SVC. SHEET : 3854VA0133A-S4**

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